



Appendix F: Test Data for E-UTRA Band 5

Product Name: 8 inches tablet pc

Test Model: Ayat

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



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Scan code to check authenticity



F.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.13	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.02	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.03	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.03	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.01	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.15	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.97	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.04	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.07	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.92	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.93	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.88	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.92	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.02	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.00	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.04	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.01	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.02	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.99	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	21.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	21.63	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.87	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.82	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.85	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.61	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.98	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.81	PASS





Band5	1.4MHz	16QAM	20525	1RB#5	21.02	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.68	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.68	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.63	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.55	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.45	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.82	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.81	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.84	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.19	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.92	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.90	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.95	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.11	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.99	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.02	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.11	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.05	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.05	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.10	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.87	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.88	PASS
Band5	3MHz	QPSK	20525	8RB#7	20.95	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.85	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.09	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.07	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.97	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.18	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.05	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.94	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.01	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.72	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.76	PASS



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Band5	3MHz	16QAM	20415	1RB#14	20.74	PASS
Band5	3MHz	16QAM	20415	8RB#0	20.54	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.58	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.12	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.46	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.64	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.67	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.62	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.04	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.04	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.02	PASS
Band5	3MHz	16QAM	20525	15RB#0	19.88	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.46	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.43	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.42	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.11	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.12	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.13	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.06	PASS
Band5	5MHz	QPSK	20425	1RB#0	21.99	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.96	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.95	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.99	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.00	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.94	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.99	PASS
Band5	5MHz	QPSK	20525	1RB#0	21.83	PASS
Band5	5MHz	QPSK	20525	1RB#12	21.90	PASS
Band5	5MHz	QPSK	20525	1RB#24	21.85	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.96	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.98	PASS
Band5	5MHz	QPSK	20525	12RB#13	20.95	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.98	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.13	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.22	PASS



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Band5	5MHz	QPSK	20625	1RB#24	22.15	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.98	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.00	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.40	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.48	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.41	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.38	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.44	PASS
Band5	5MHz	16QAM	20425	12RB#13	19.94	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.07	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.11	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.11	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.08	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.03	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.02	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.10	PASS
Band5	5MHz	16QAM	20525	25RB#0	19.97	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.73	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.78	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.88	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.02	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.02	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.99	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.09	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.03	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.90	PASS
Band5	10MHz	QPSK	20450	1RB#49	21.87	PASS
Band5	10MHz	QPSK	20450	25RB#0	20.90	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.90	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.85	PASS
Band5	10MHz	QPSK	20450	50RB#0	20.98	PASS
Band5	10MHz	QPSK	20525	1RB#0	21.77	PASS
Band5	10MHz	QPSK	20525	1RB#24	21.81	PASS





Band5	10MHz	QPSK	20525	1RB#49	21.90	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.94	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.96	PASS
Band5	10MHz	QPSK	20525	25RB#25	20.85	PASS
Band5	10MHz	QPSK	20525	50RB#0	20.91	PASS
Band5	10MHz	QPSK	20600	1RB#0	21.91	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.09	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.01	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.94	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.83	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	20.85	PASS
Band5	10MHz	16QAM	20450	1RB#0	20.85	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.78	PASS
Band5	10MHz	16QAM	20450	1RB#49	20.67	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.03	PASS
Band5	10MHz	16QAM	20450	25RB#12	19.97	PASS
Band5	10MHz	16QAM	20450	25RB#25	19.95	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.11	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.84	PASS
Band5	10MHz	16QAM	20525	1RB#24	20.83	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.75	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.12	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.13	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.02	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.37	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.43	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.51	PASS
Band5	10MHz	16QAM	20600	25RB#0	19.96	PASS
Band5	10MHz	16QAM	20600	25RB#12	19.97	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.12	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.00	PASS





F.2 Peak-to-Average Ratio(CCDF)

Test Result

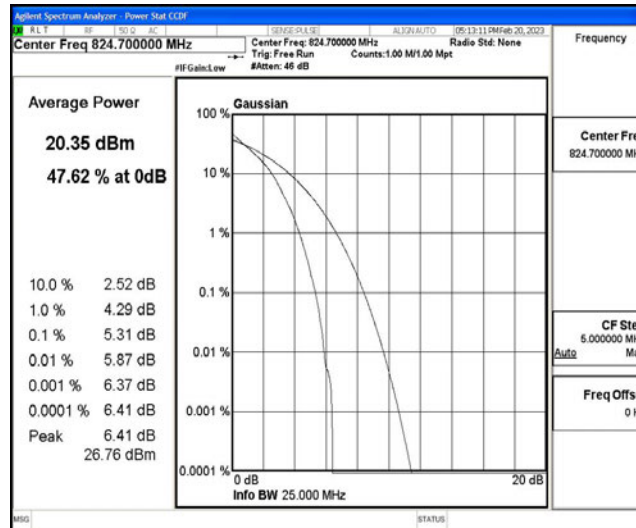
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.31	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.34	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.05	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.84	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.08	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.91	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.26	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.33	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.15	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.91	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.14	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.95	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.23	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.10	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.02	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.86	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.24	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.39	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.26	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.91	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.06	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.07	13	PASS



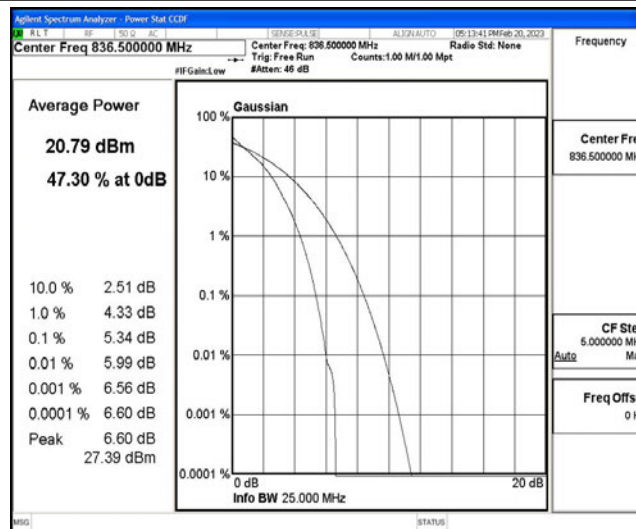


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0

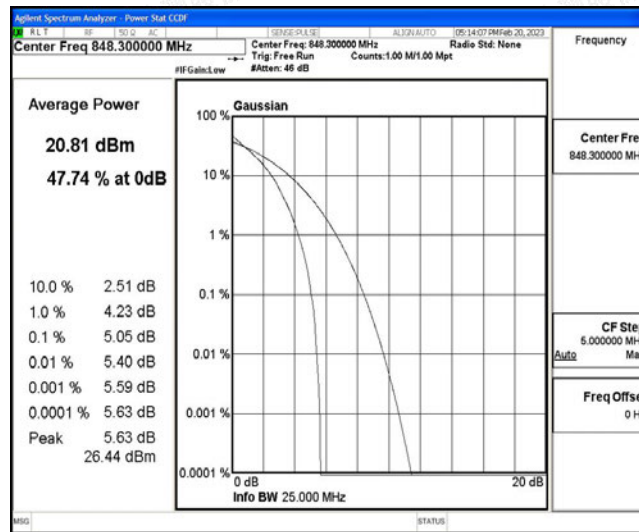


Band5-1.4MHz-QPSK-20525-6RB#0

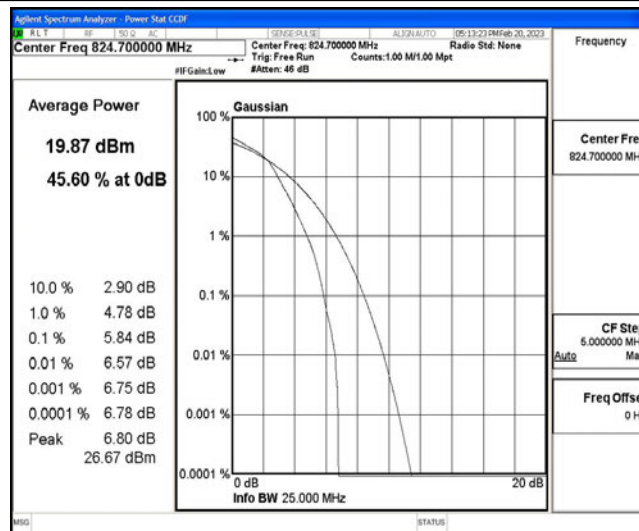


Band5-1.4MHz-QPSK-20643-6RB#0

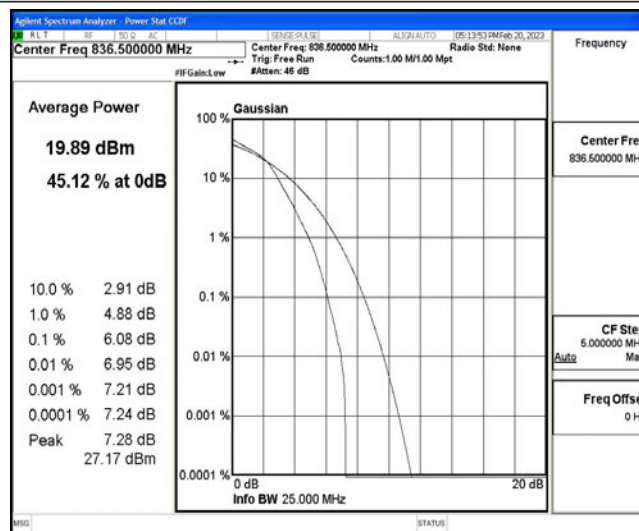




Band5-1.4MHz-16QAM-20407-6RB#0

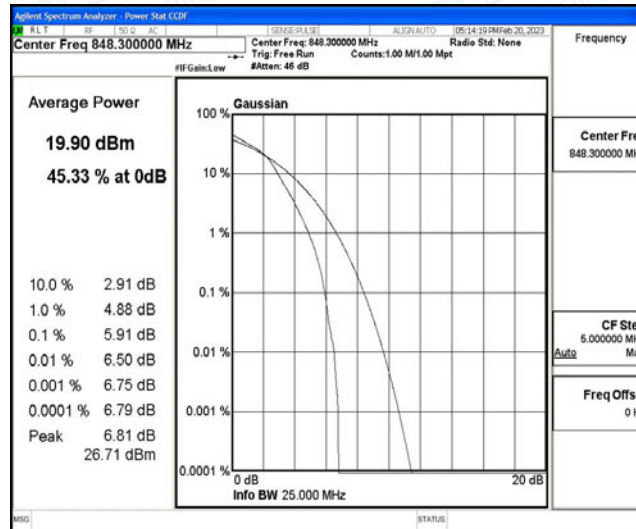


Band5-1.4MHz-16QAM-20525-6RB#0

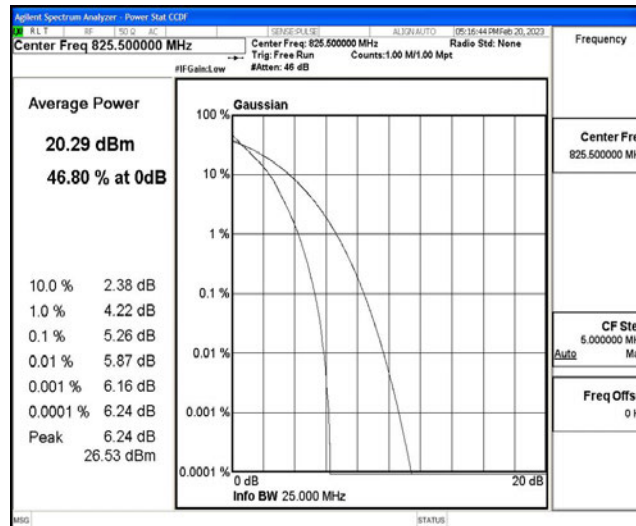




Band5-1.4MHz-16QAM-20643-6RB#0

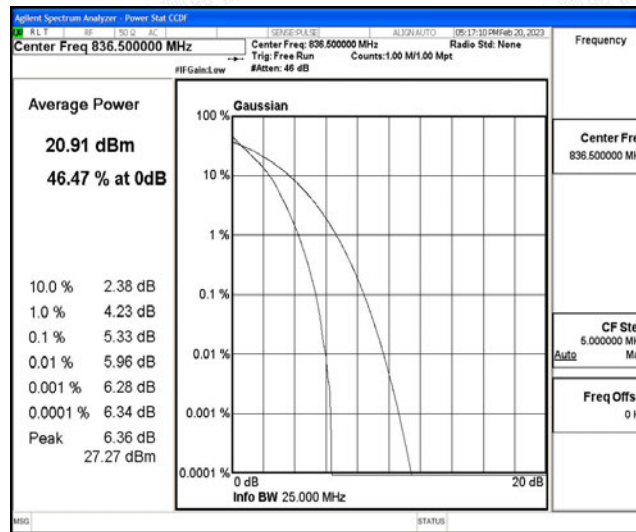


Band5-3MHz-QPSK-20415-15RB#0

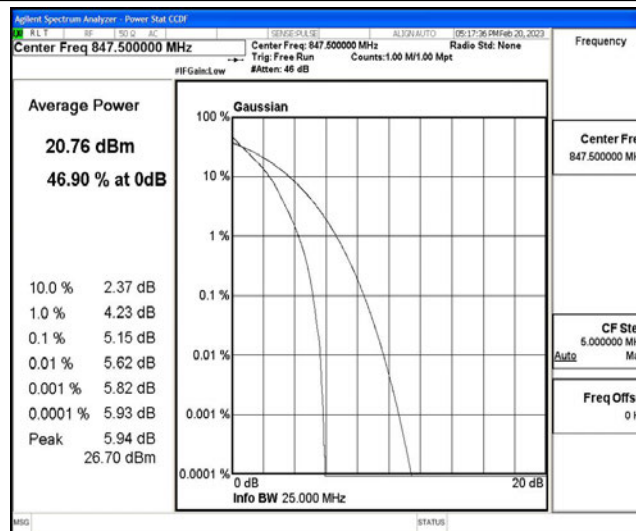


Band5-3MHz-QPSK-20525-15RB#0

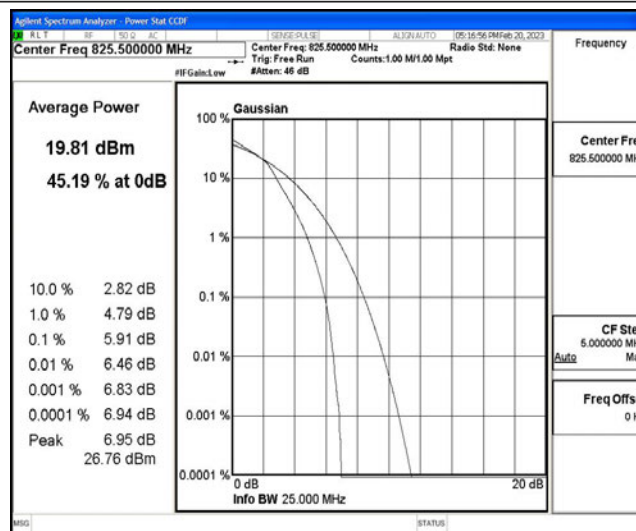




Band5-3MHz-QPSK-20635-15RB#0

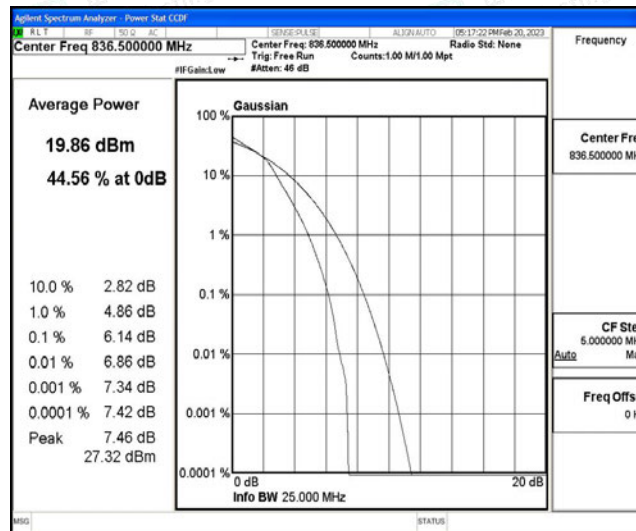


Band5-3MHz-16QAM-20415-15RB#0

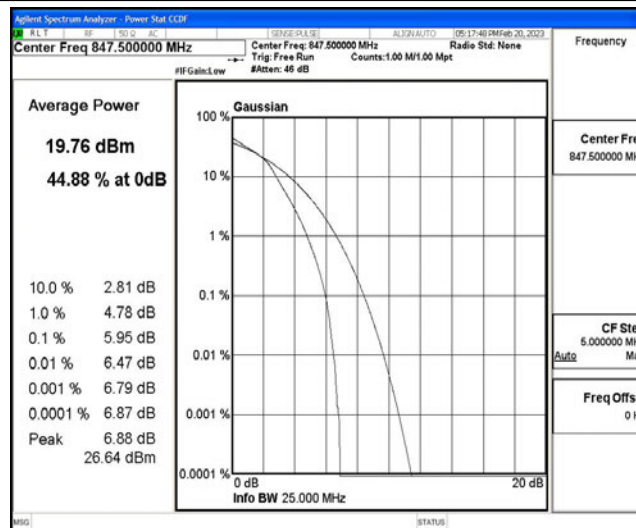




Band5-3MHz-16QAM-20525-15RB#0

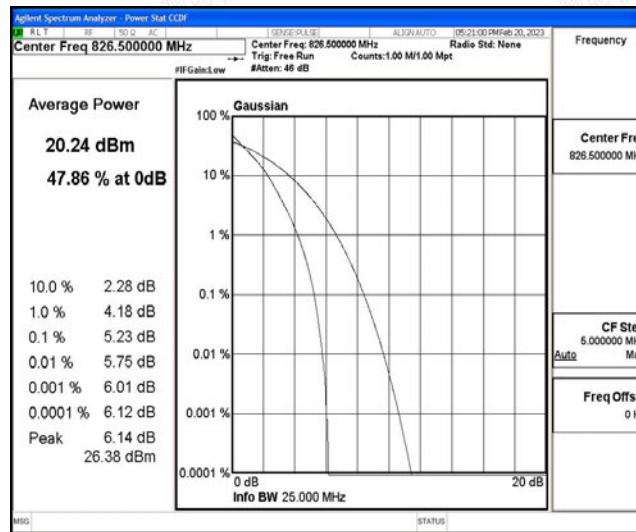


Band5-3MHz-16QAM-20635-15RB#0

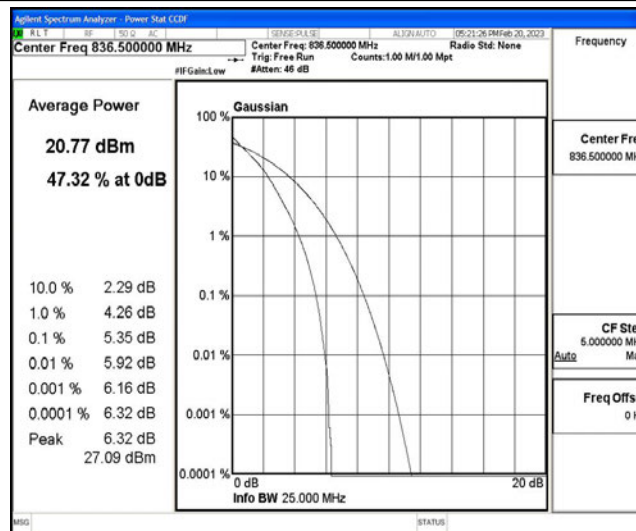


Band5-5MHz-QPSK-20425-25RB#0

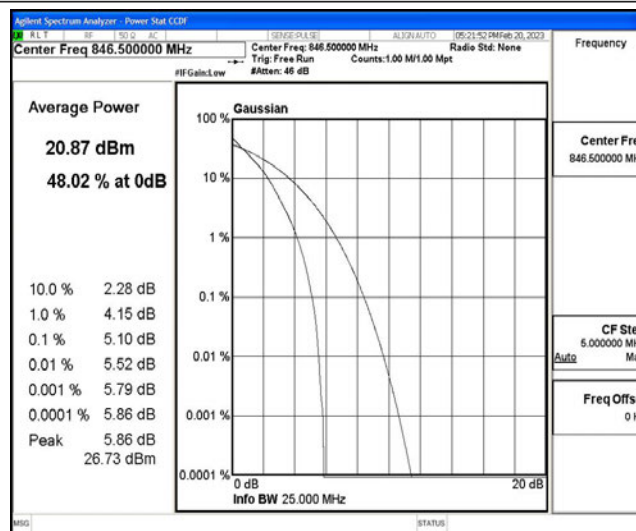




Band5-5MHz-QPSK-20525-25RB#0

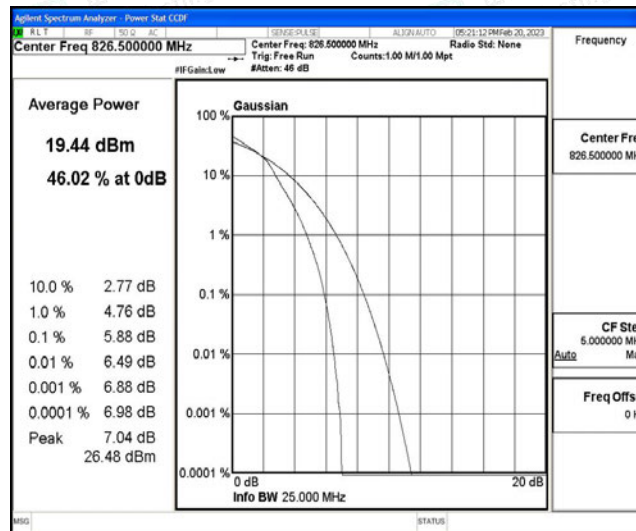


Band5-5MHz-QPSK-20625-25RB#0

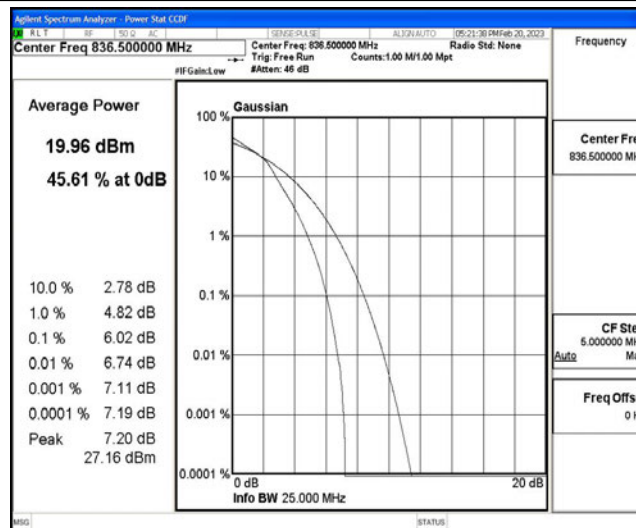




Band5-5MHz-16QAM-20425-25RB#0

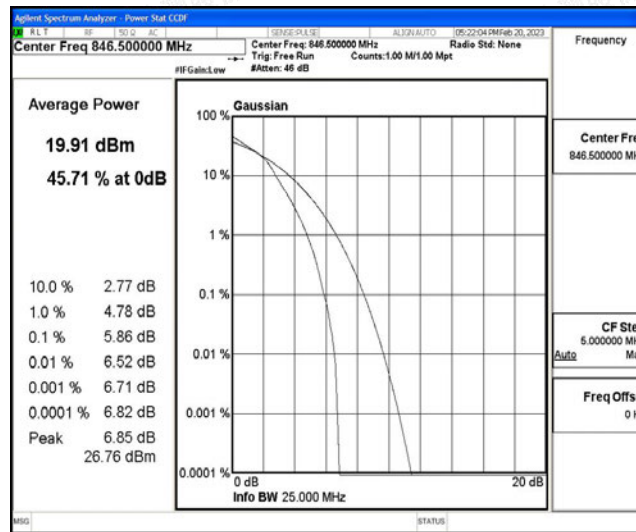


Band5-5MHz-16QAM-20525-25RB#0

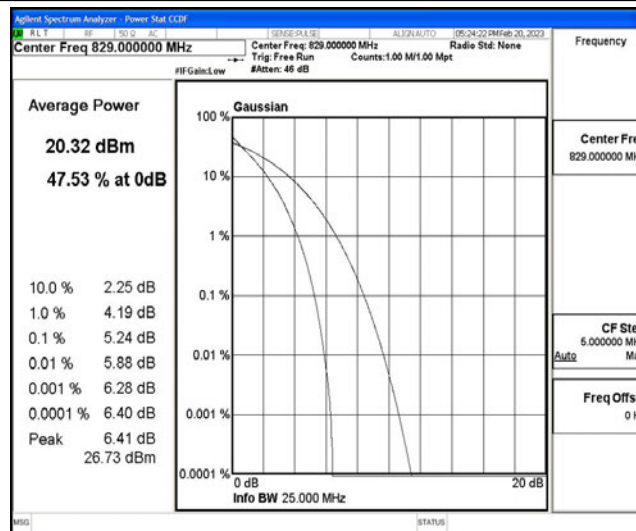


Band5-5MHz-16QAM-20625-25RB#0

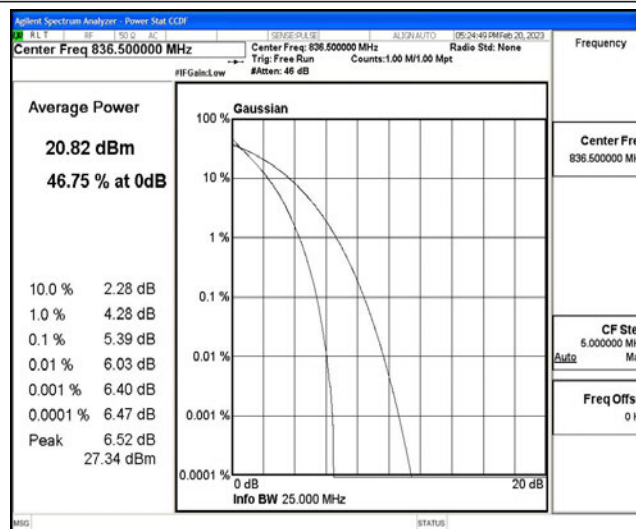




Band5-10MHz-QPSK-20450-50RB#0

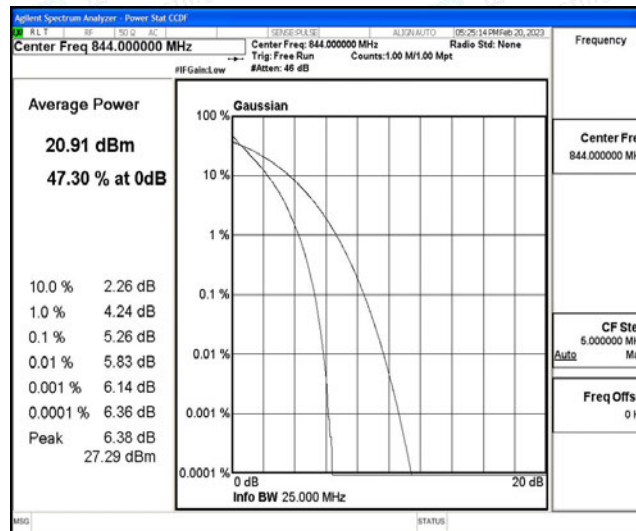


Band5-10MHz-QPSK-20525-50RB#0

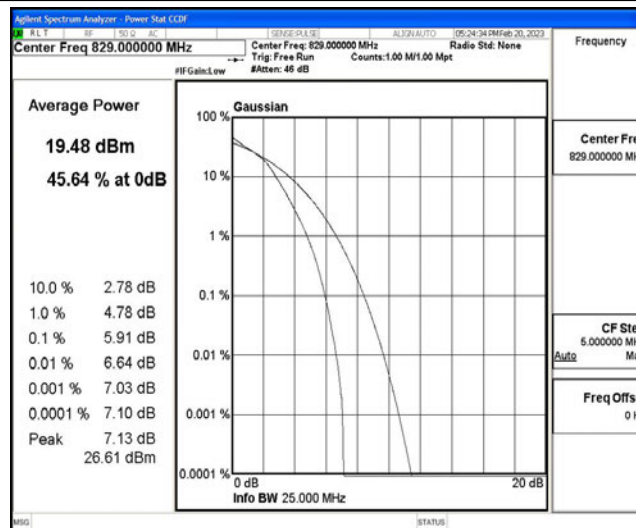




Band5-10MHz-QPSK-20600-50RB#0

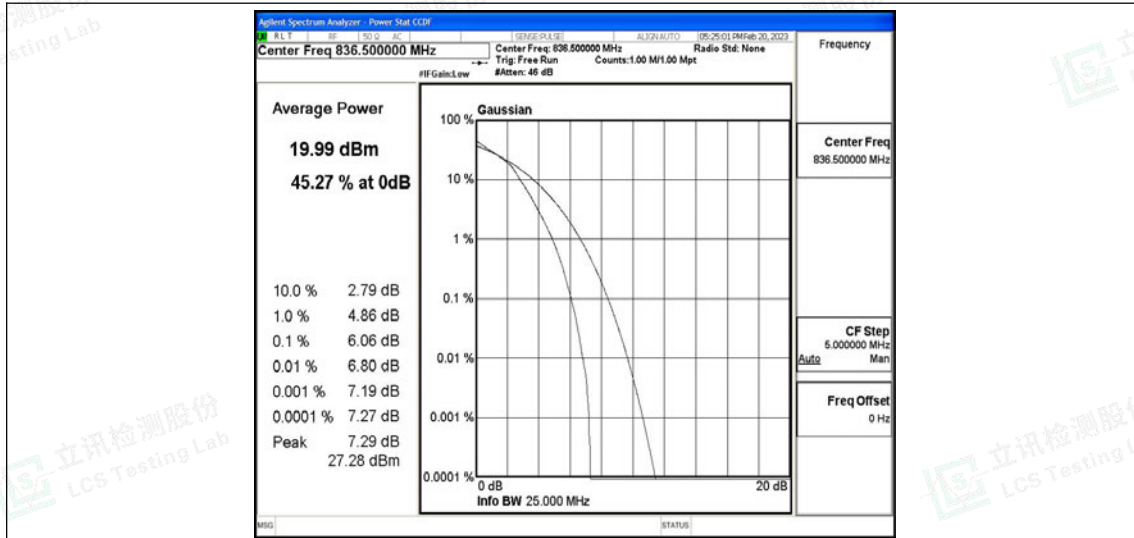


Band5-10MHz-16QAM-20450-50RB#0

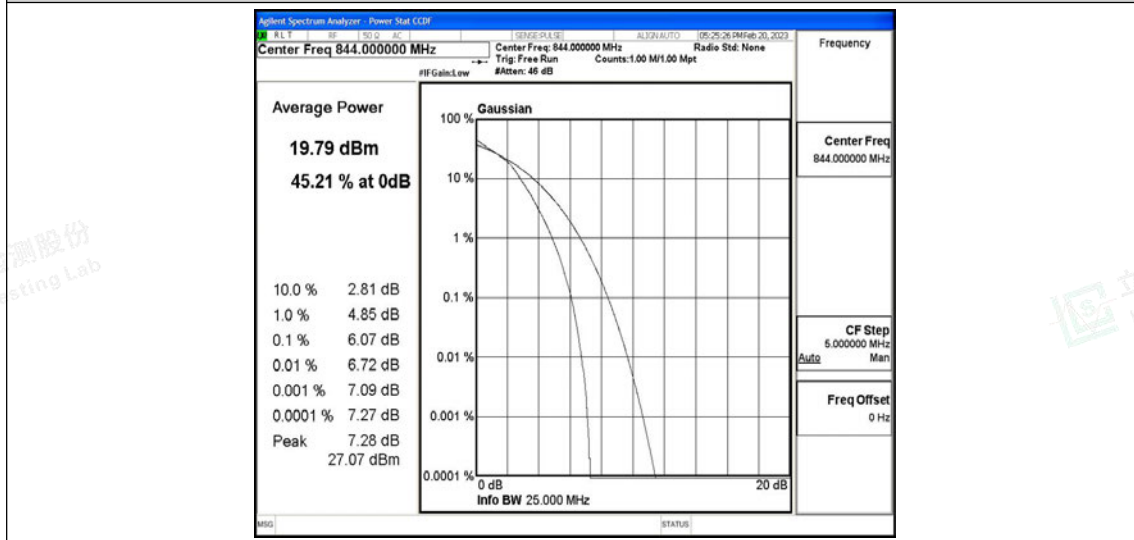


Band5-10MHz-16QAM-20525-50RB#0





Band5-10MHz-16QAM-20600-50RB#0





F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

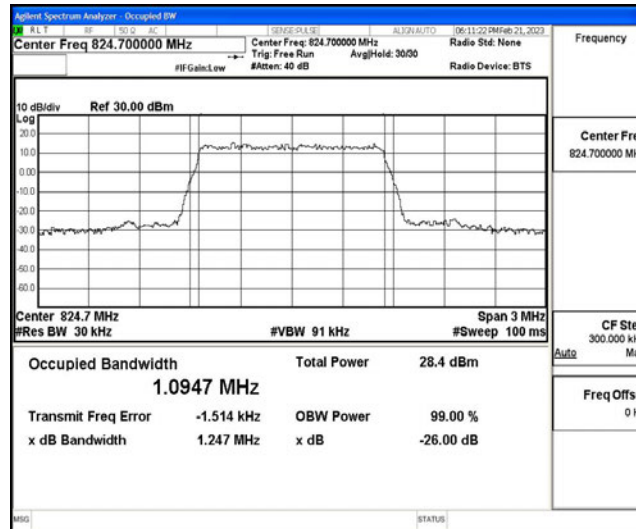
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0947	1.247	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0983	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0964	1.247	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0908	1.248	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0882	1.248	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0938	1.241	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7095	3.020	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7053	3.030	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7070	3.017	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6988	3.043	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7122	3.038	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7065	3.045	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5247	4.953	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5219	4.974	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4999	4.945	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5015	4.958	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5183	4.970	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5315	4.986	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9912	9.943	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9891	9.902	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9929	9.870	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9964	9.936	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9724	9.881	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9999	10.000	PASS



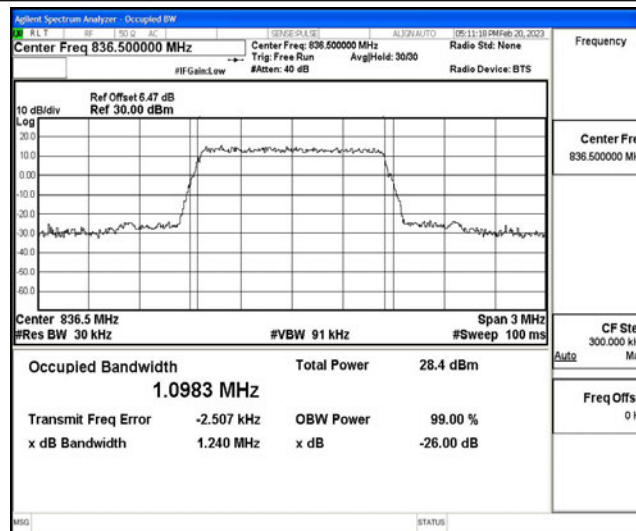


Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0

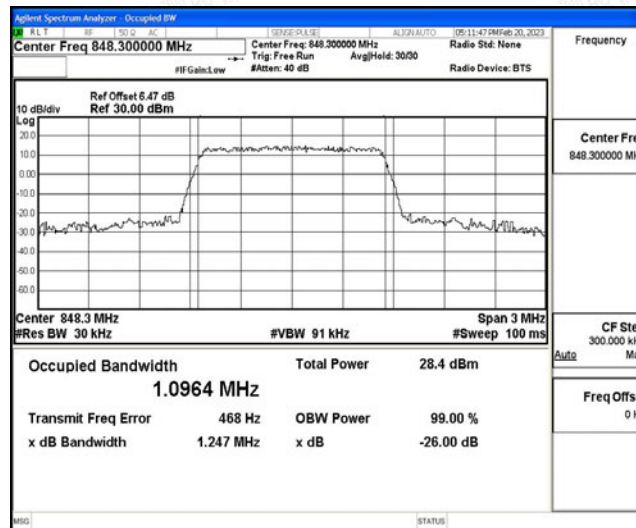


Band5-1.4MHz-QPSK-20525-6RB#0

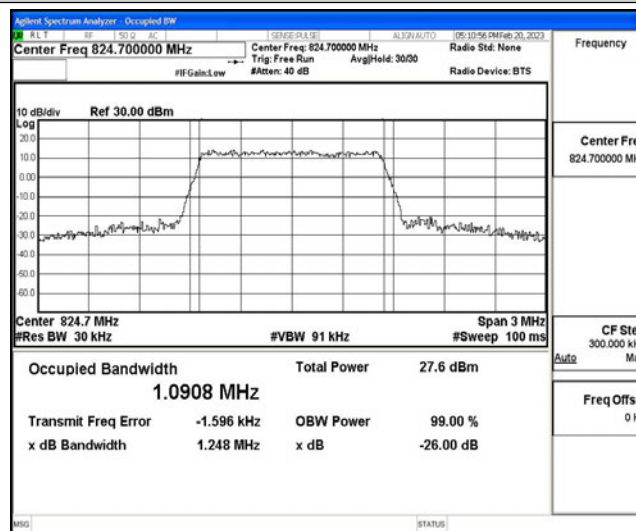


Band5-1.4MHz-QPSK-20643-6RB#0

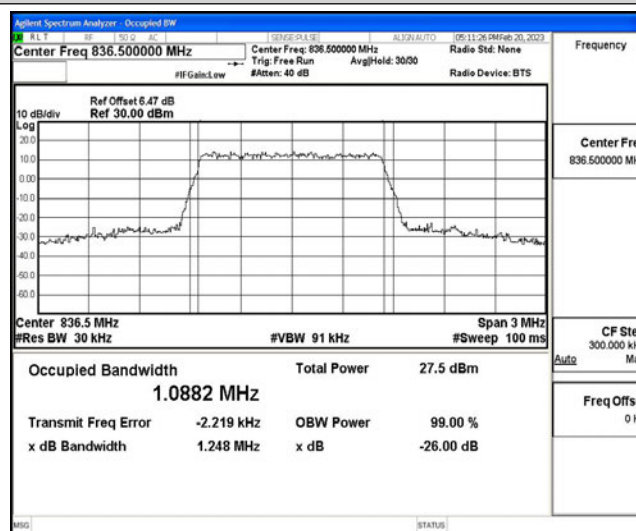




Band5-1.4MHz-16QAM-20407-6RB#0

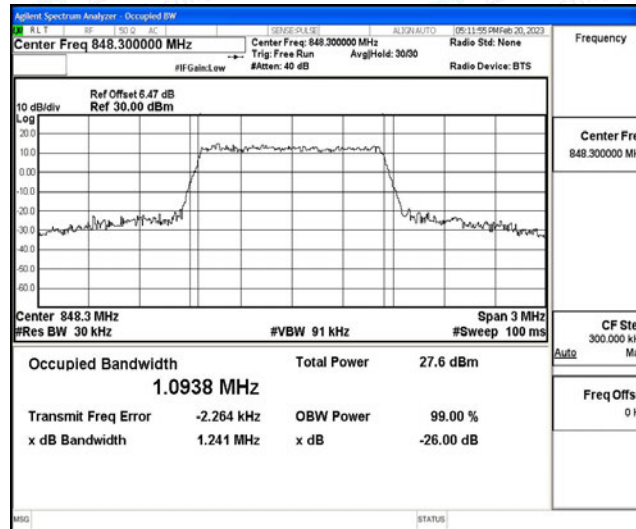


Band5-1.4MHz-16QAM-20525-6RB#0

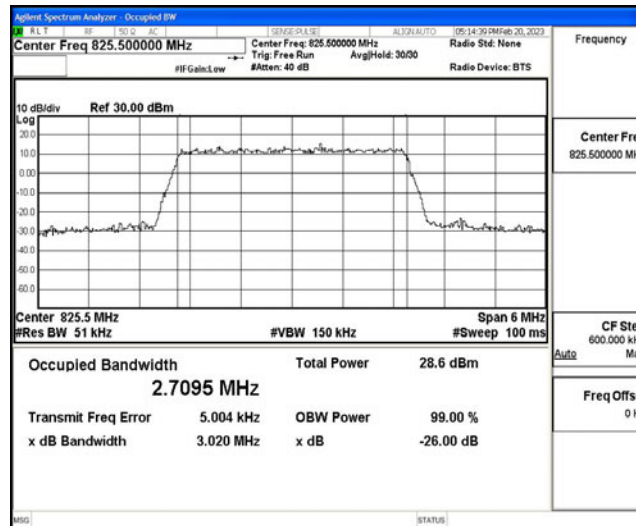




Band5-1.4MHz-16QAM-20643-6RB#0

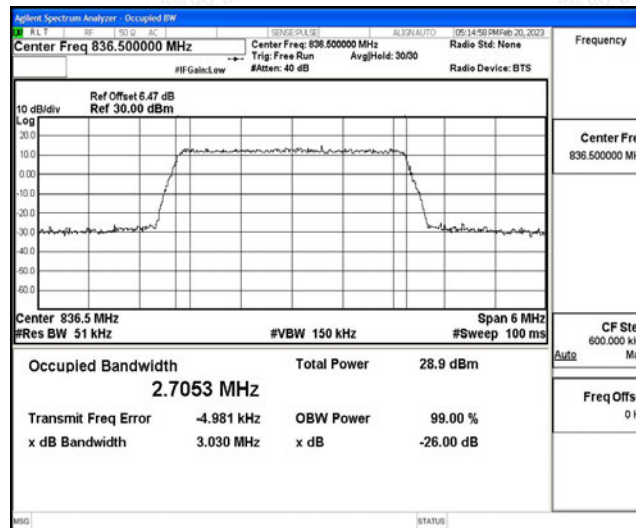


Band5-3MHz-QPSK-20415-15RB#0

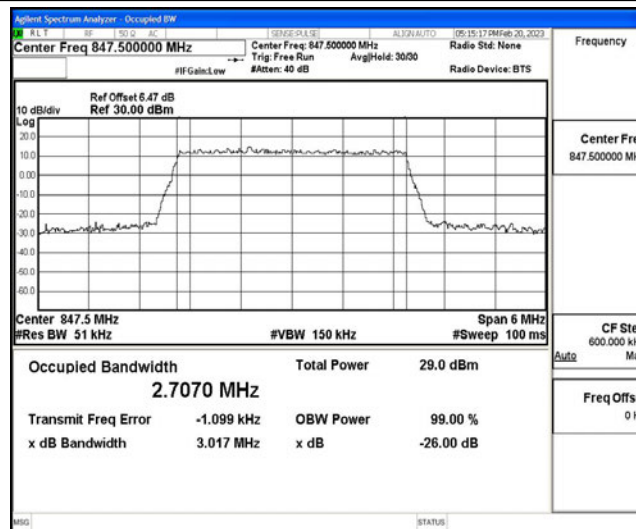


Band5-3MHz-QPSK-20525-15RB#0

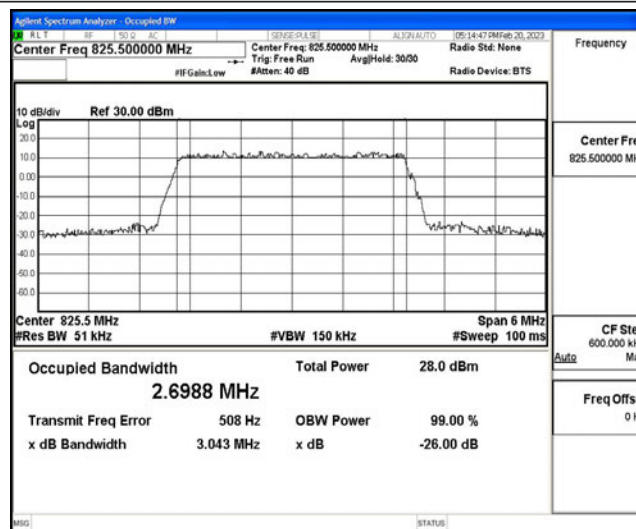




Band5-3MHz-QPSK-20635-15RB#0

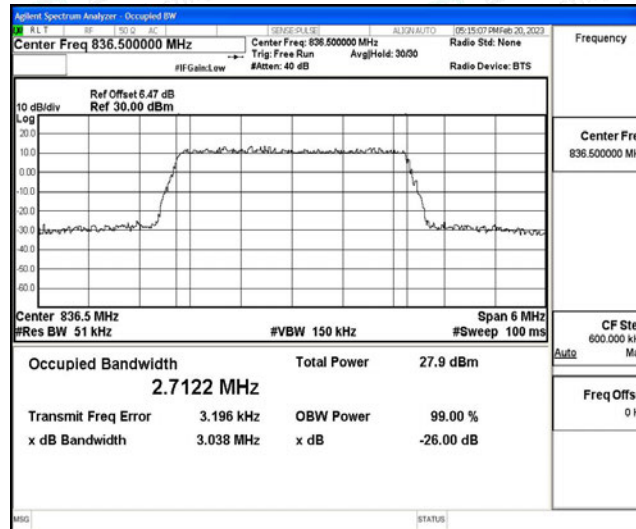


Band5-3MHz-16QAM-20415-15RB#0

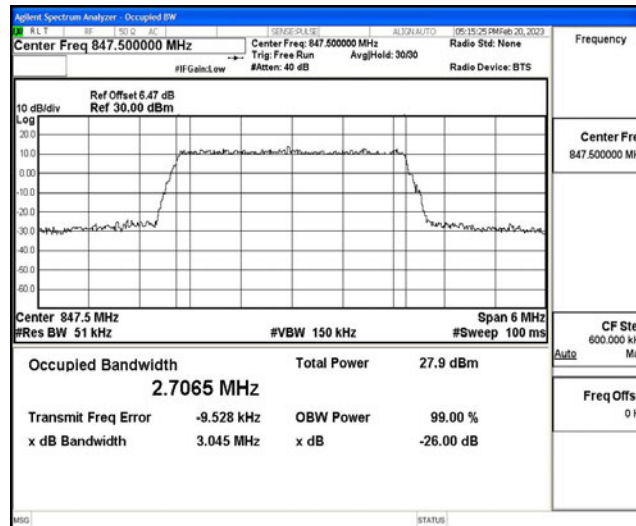




Band5-3MHz-16QAM-20525-15RB#0

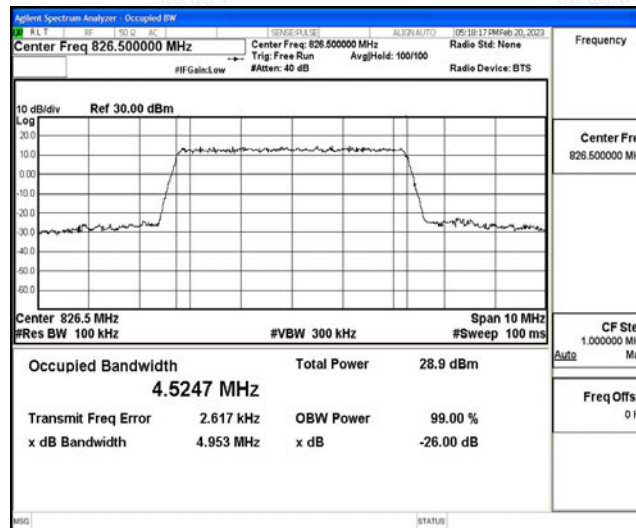


Band5-3MHz-16QAM-20635-15RB#0

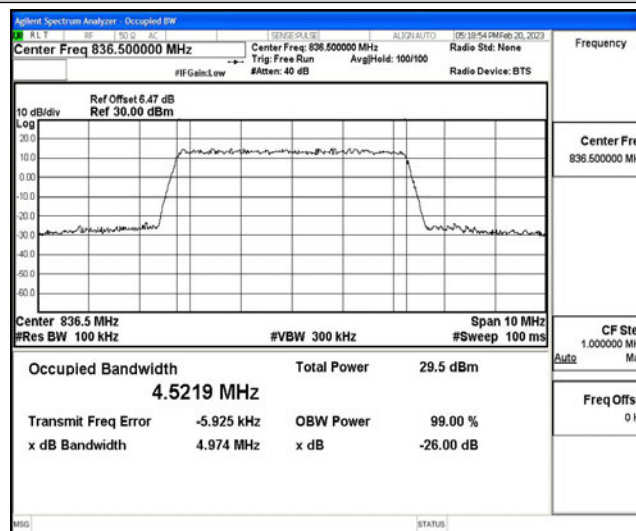


Band5-5MHz-QPSK-20425-25RB#0

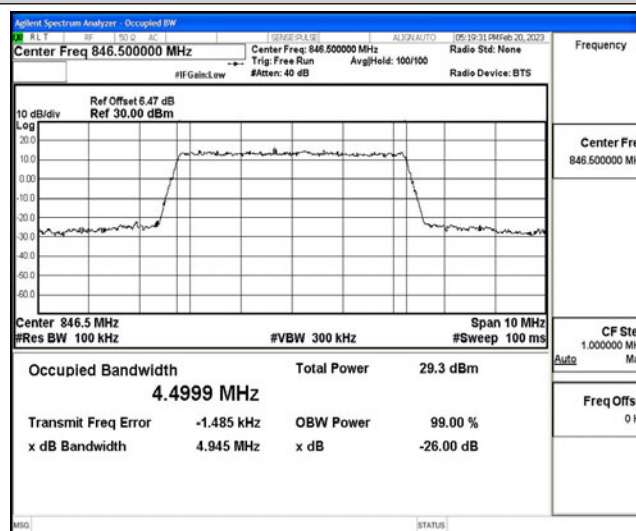




Band5-5MHz-QPSK-20525-25RB#0

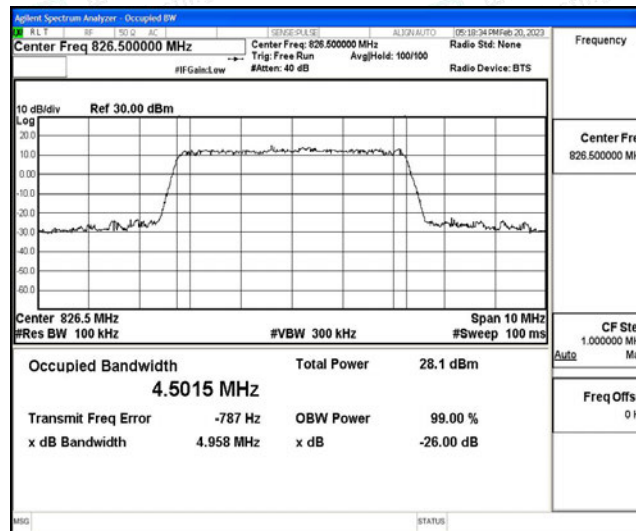


Band5-5MHz-QPSK-20625-25RB#0

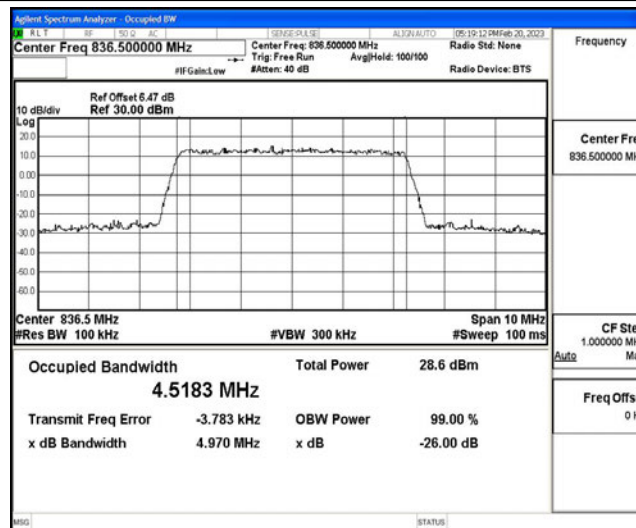




Band5-5MHz-16QAM-20425-25RB#0

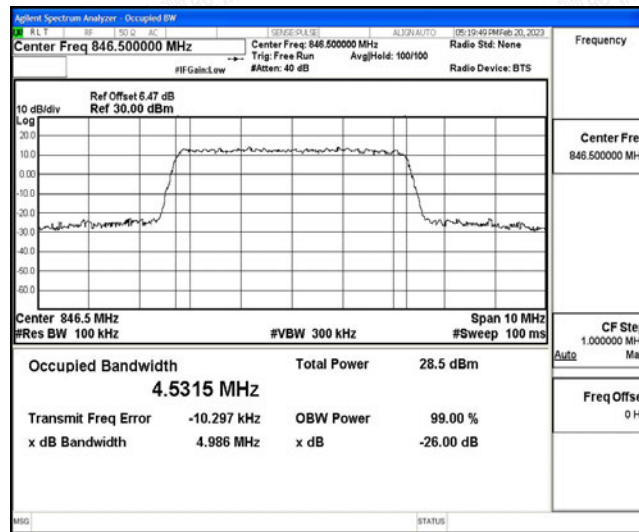


Band5-5MHz-16QAM-20525-25RB#0

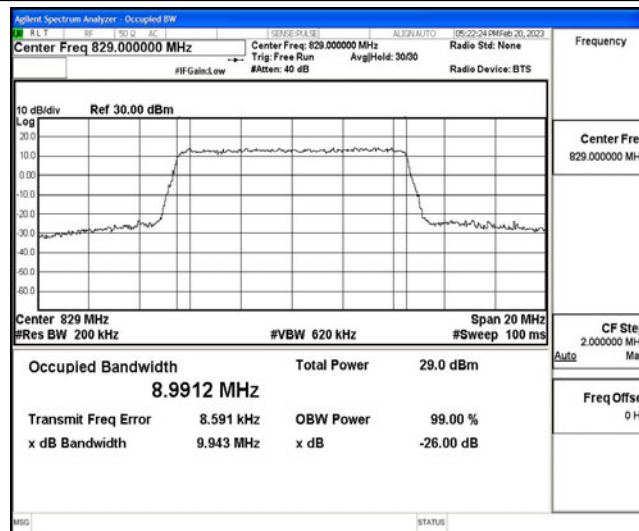


Band5-5MHz-16QAM-20625-25RB#0

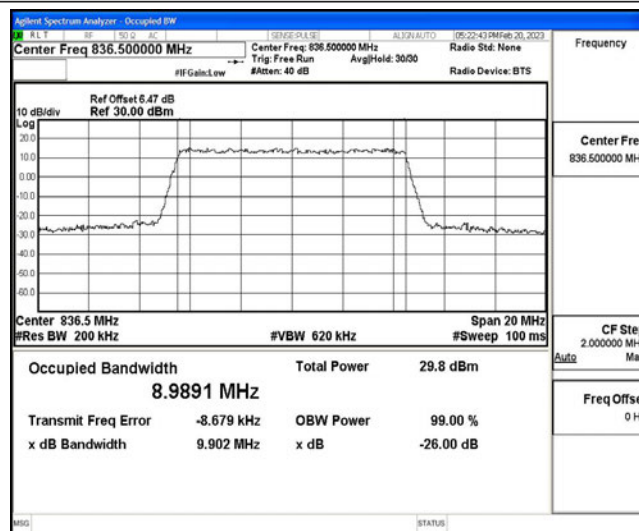




Band5-10MHz-QPSK-20450-50RB#0

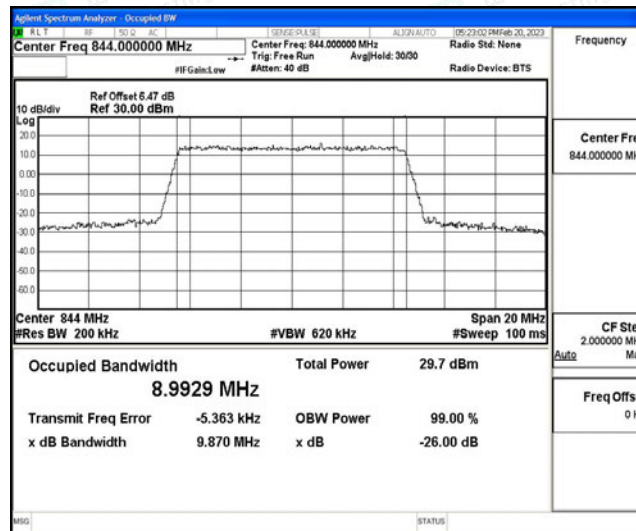


Band5-10MHz-QPSK-20525-50RB#0

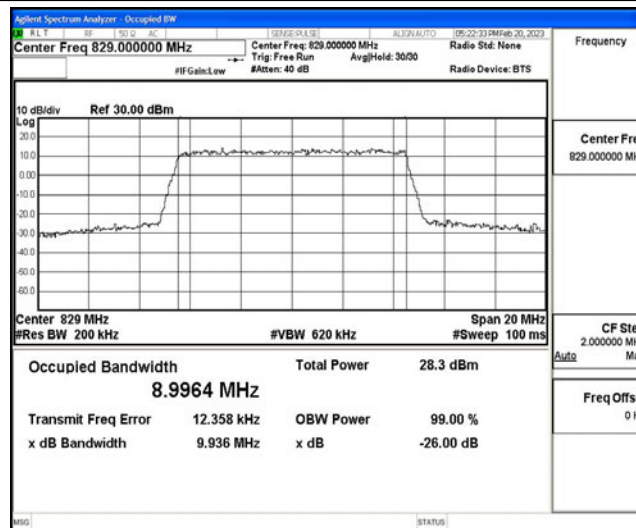




Band5-10MHz-QPSK-20600-50RB#0

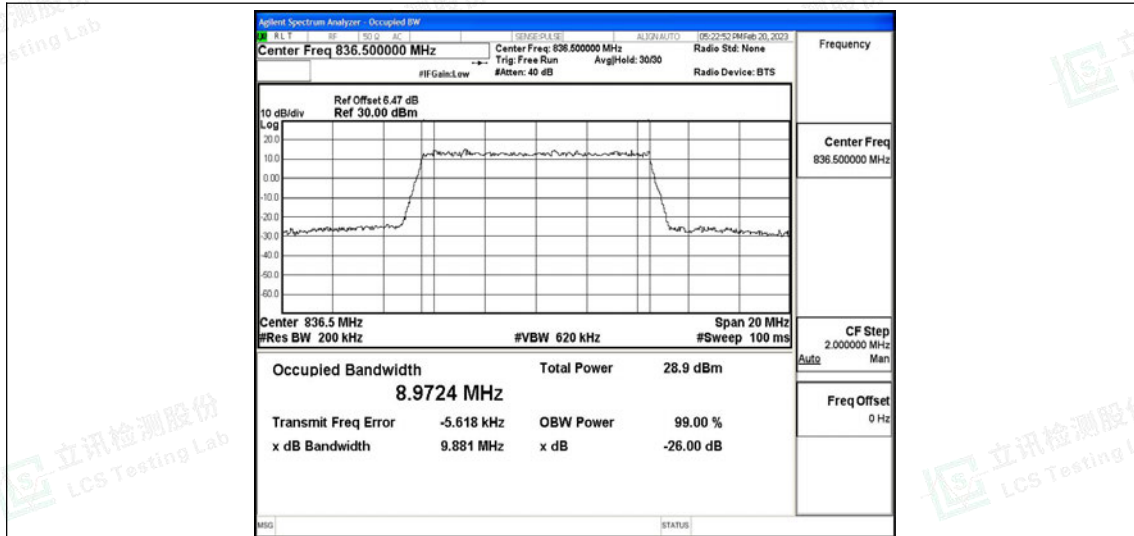


Band5-10MHz-16QAM-20450-50RB#0

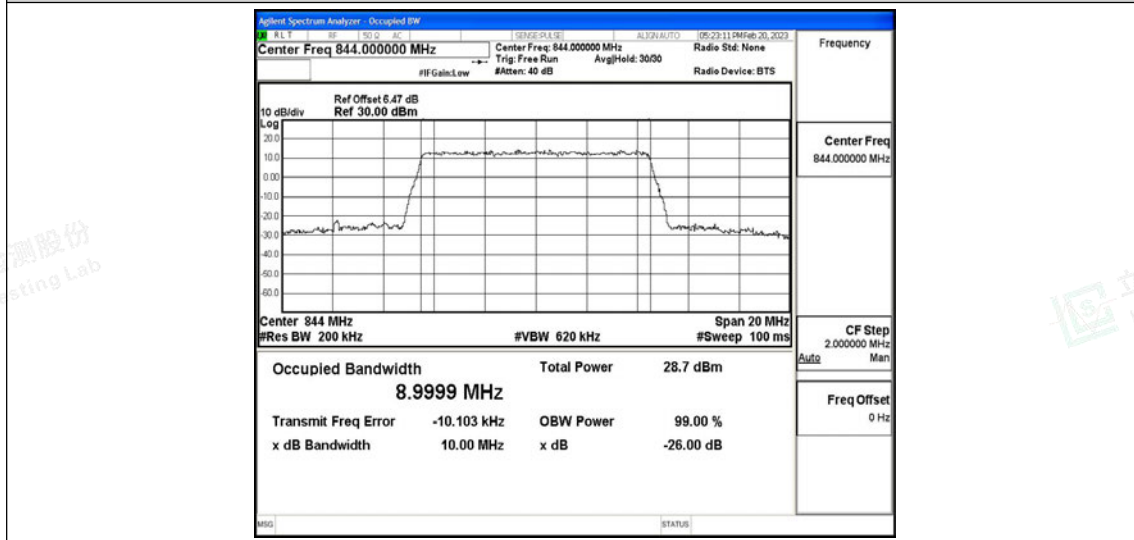


Band5-10MHz-16QAM-20525-50RB#0





Band5-10MHz-16QAM-20600-50RB#0



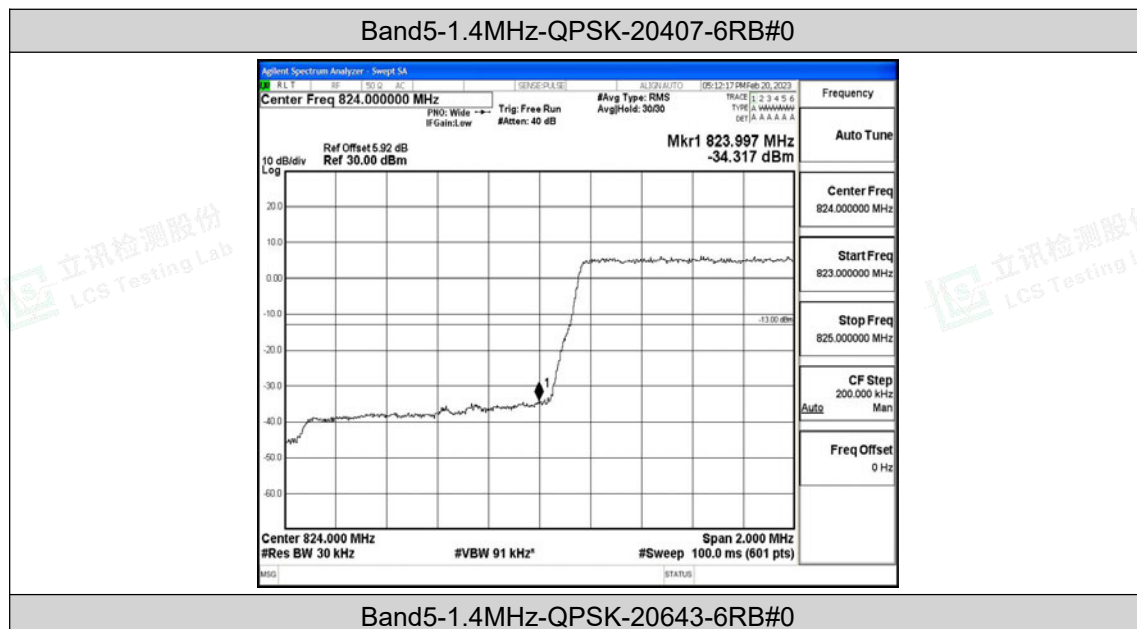


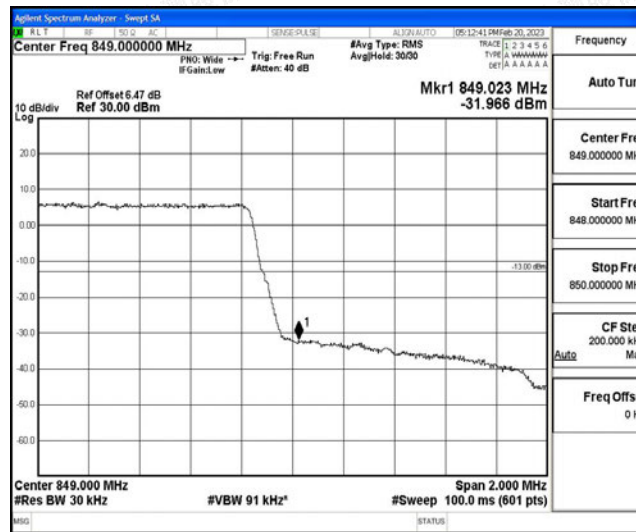
F.4 Band Edge

Test Result

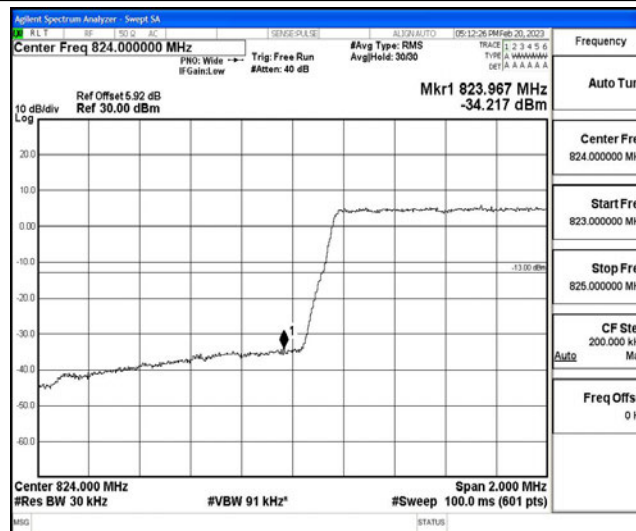
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-34.32	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-31.97	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.22	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.52	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.08	PASS
Band5	3MHz	QPSK	20635	15RB#0	-23.78	PASS
Band5	3MHz	16QAM	20415	15RB#0	-25.16	PASS
Band5	3MHz	16QAM	20635	15RB#0	-24.64	PASS
Band5	5MHz	QPSK	20425	25RB#0	-28.06	PASS
Band5	5MHz	QPSK	20625	25RB#0	-27.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	-29.58	PASS
Band5	5MHz	16QAM	20625	25RB#0	-28.87	PASS
Band5	10MHz	QPSK	20450	50RB#0	-31.09	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.84	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.85	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.18	PASS

Test Graphs

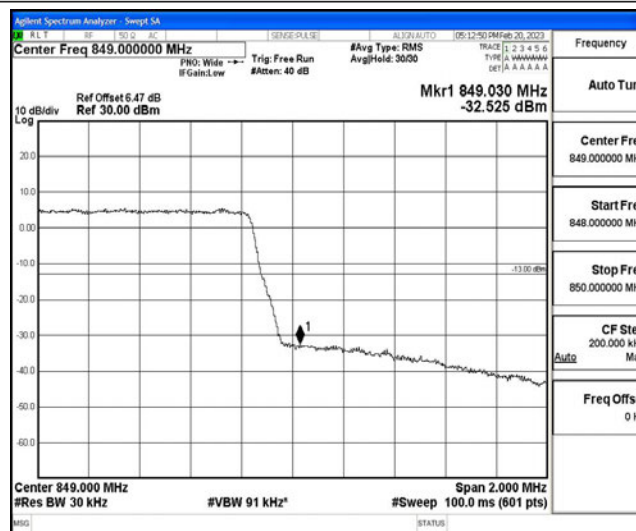




Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0





Agilent Spectrum Analyzer - Sweep 5A

Center Freq 824.000000 MHz

Ref Offset 5.92 dB
Ref 30.00 dBm

Span 2.000 MHz
Res BW 51 kHz
#BW 150 kHz

Mkr1 824.000 MHz
-24.081 dBm

Auto

Frequency

Auto Tun

Center Freq
824.000000 MHz

Start Freq
823.000000 MHz

Stop Freq
825.000000 MHz

CF Step
200.000 kHz

Auto

Frequency Offset
0 Hz

Span 2.000 MHz
100.0 ms (601 pts)

131.00 dBm

Agilent Spectrum Analyzer - Sweep SA

AL T RE NO G AC SENSE:VIA:RE

AL: F1: B1: T0: 05:16:10 24 Feb 20, 2023

Center Freq 849.000000 MHz

Ref Offset 6.47 dB

Ref 30.00 dBm

PWD: Wide →

Trig: Free Run

#Avg Type: RMS

Avg Hold: 3000

Frequency

Mkr1 849.003 MHz

-23.784 dBm

Auto Tun

Center Freq

849.000000 MHz

Start Freq

848.000000 MHz

Stop Freq

850.000000 MHz

CF Step

200.000 kHz

Auto

Freq Offset

0 Hz

10 dB/div

Log

20.0

10.0

0.00

-10.0

-20.0

-30.0

-40.0

-50.0

-60.0

-70.0

-80.0

-90.0

-100.0

-110.0

-120.0

-130.0 dBm

Center 849.000 MHz

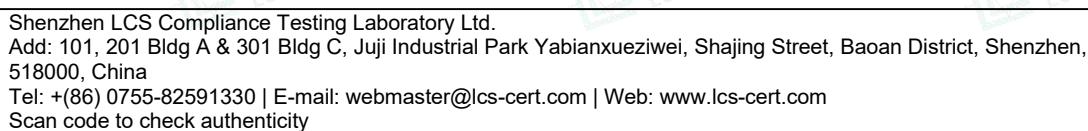
#Res BW 51 kHz

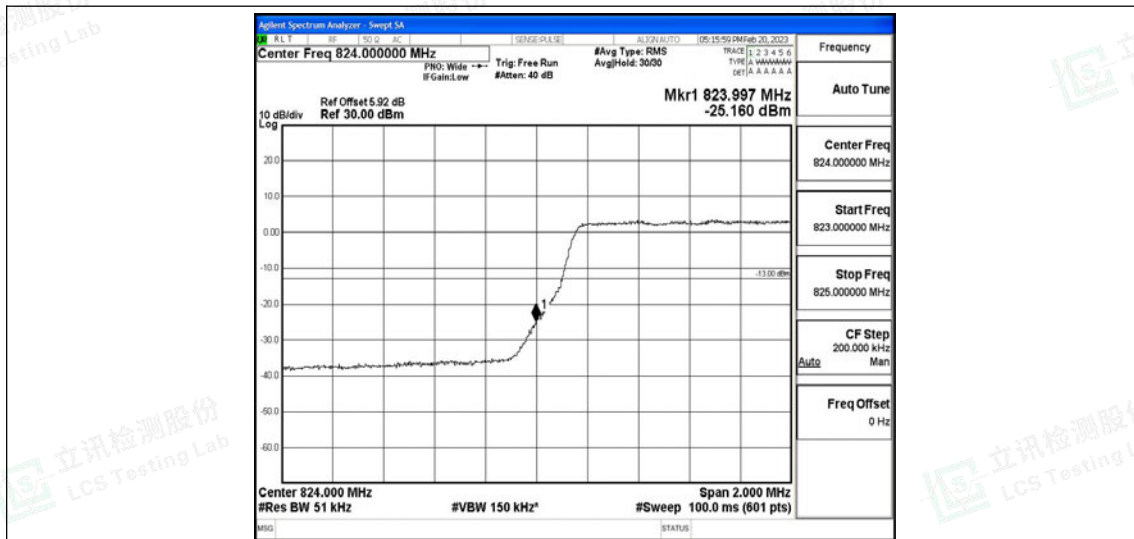
#VBW 150 kHz*

Span 2.000 MHz

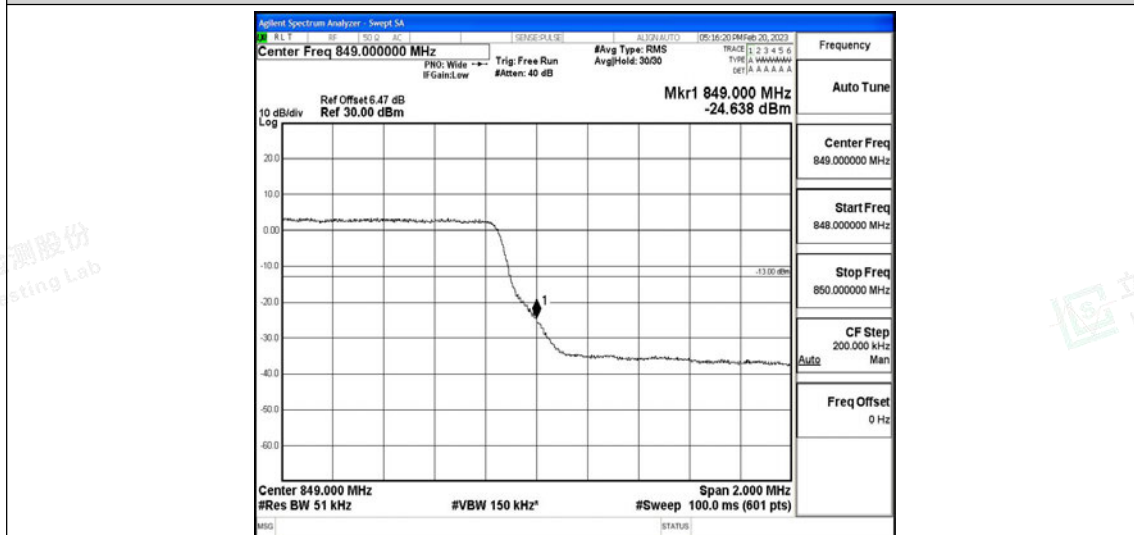
#Sweep 100.0 ms (601 pts)

Band5-3MHz-16QAM-20415-15RB#0

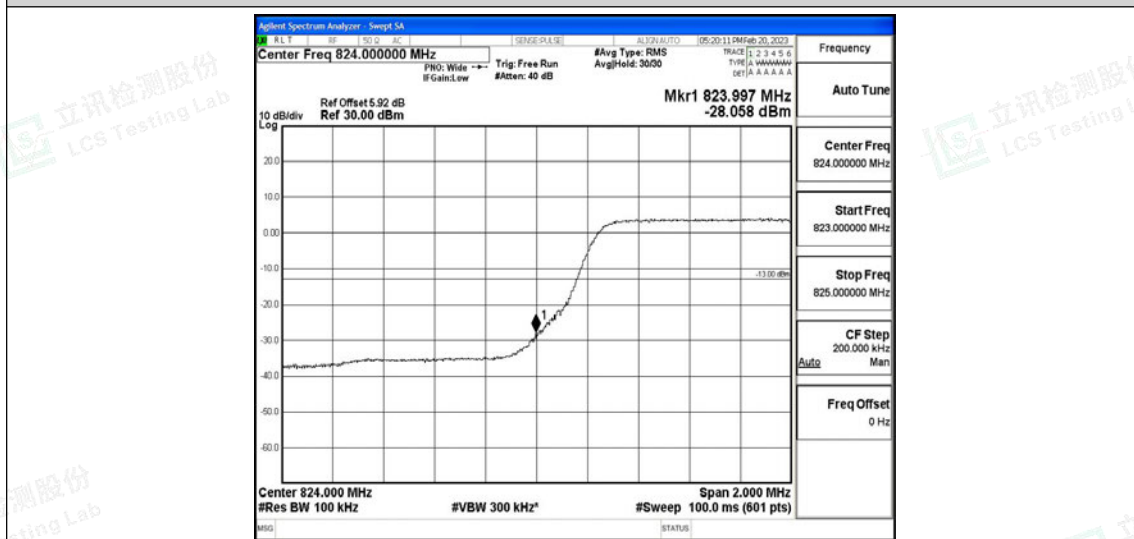




Band5-3MHz-16QAM-20635-15RB#0

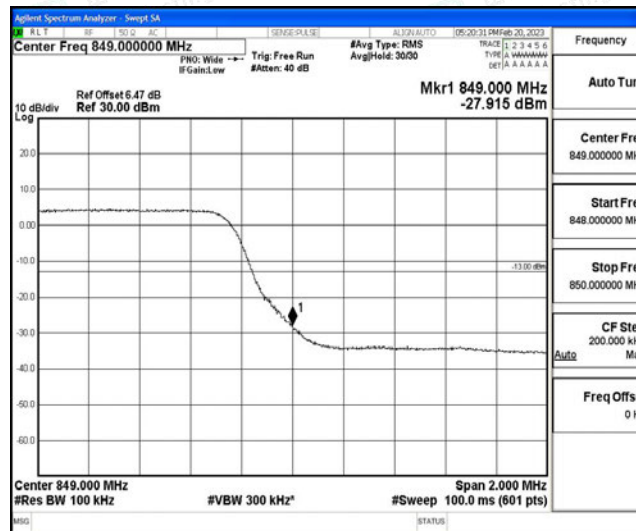


Band5-5MHz-QPSK-20425-25RB#0

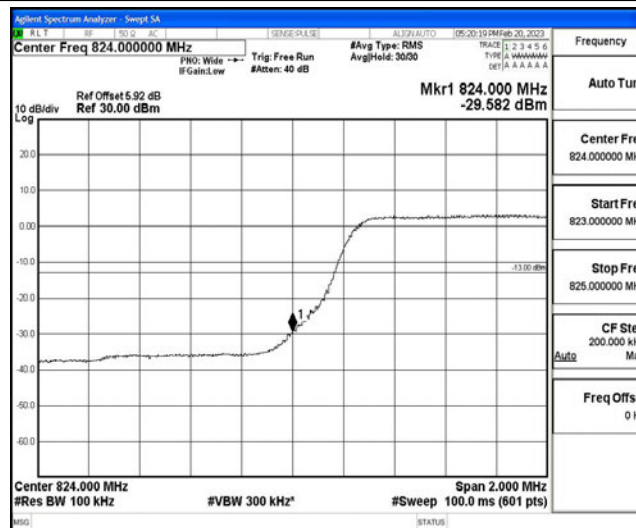




Band5-5MHz-QPSK-20625-25RB#0

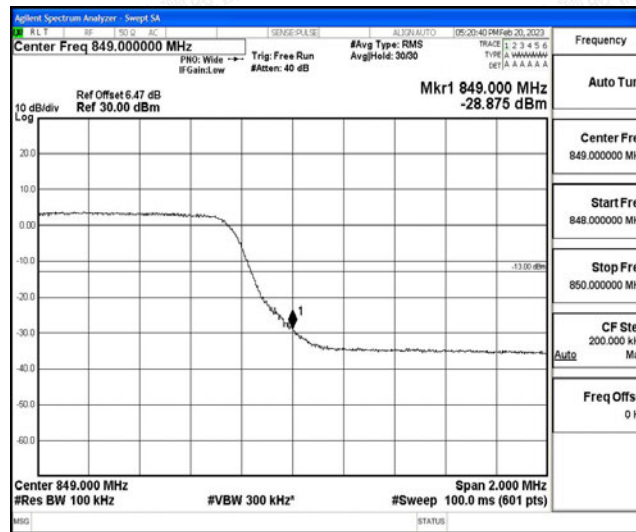


Band5-5MHz-16QAM-20425-25RB#0

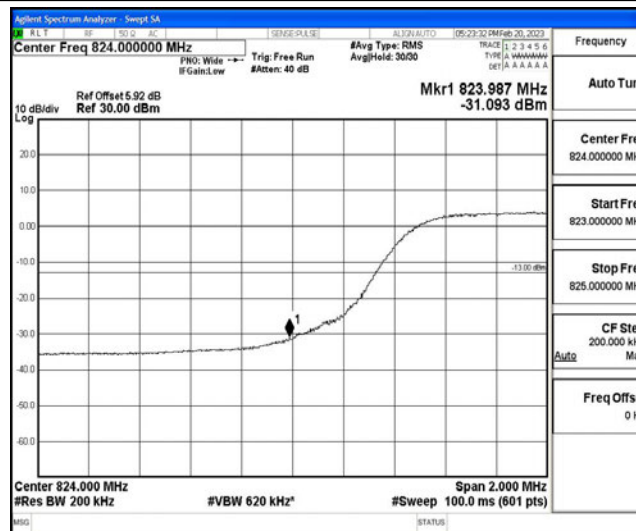


Band5-5MHz-16QAM-20625-25RB#0

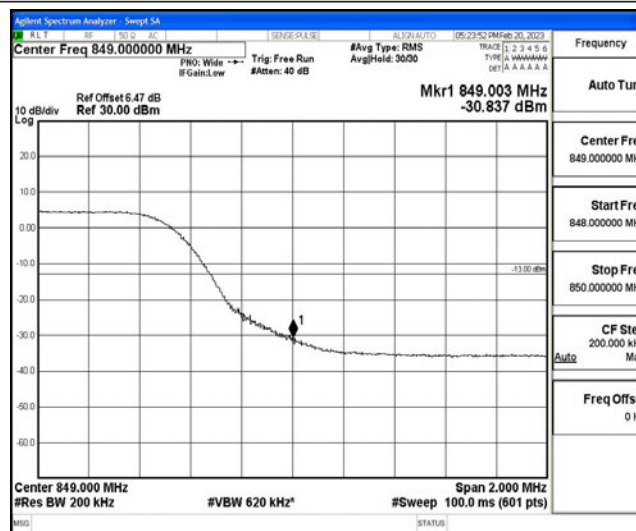




Band5-10MHz-QPSK-20450-50RB#0

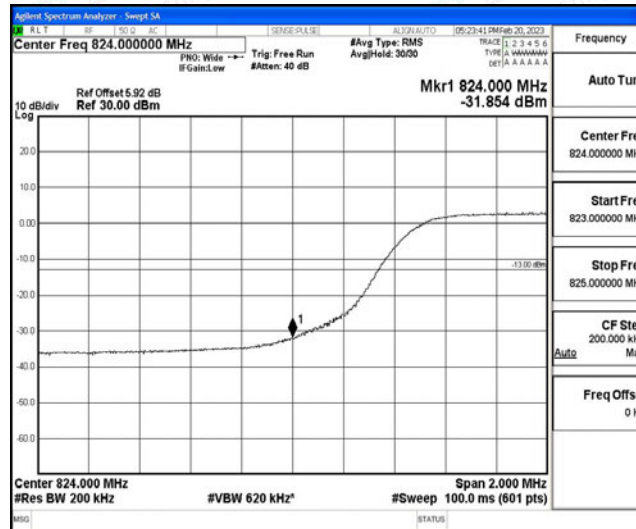


Band5-10MHz-QPSK-20600-50RB#0

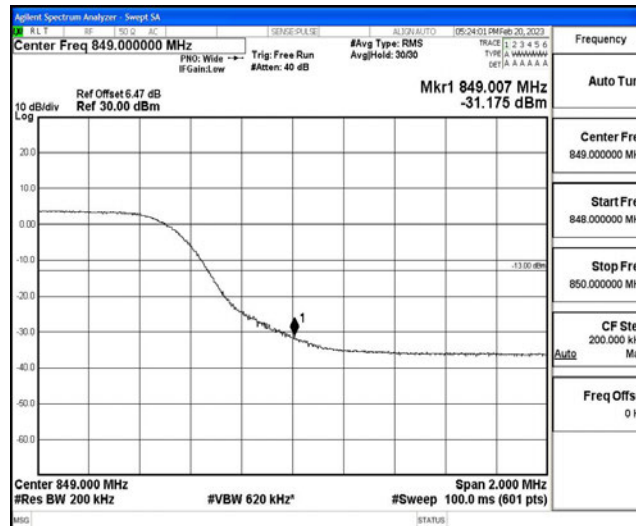




Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0





F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-56.31	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.18	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.31	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-57.19	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-49.97	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.27	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-54.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-51.39	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-41.67	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.92	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.1	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-50.52	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-40.91	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-44.99	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-56.39	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-49.06	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.24	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.99	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.11	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-54.9	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-49.74	PASS





Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.68	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-50.24	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.52	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-50.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.29	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-41.56	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-56.09	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-51.18	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-40.95	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-56.43	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.98	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.74	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-56.03	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-49.52	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-41.1	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.14	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-51.35	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-41.17	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-53.95	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-56.91	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-50.58	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-40.4	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-54.36	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.06	PASS





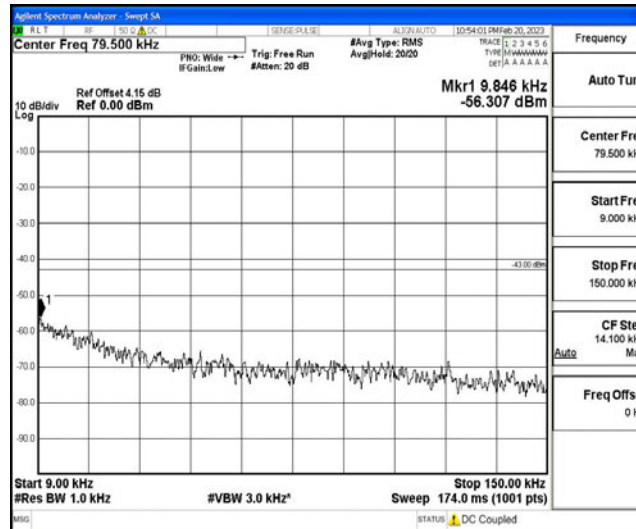
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.51	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.67	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-56.15	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-51.74	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.72	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-45	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-55.28	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.81	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.97	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-53.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.9	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.84	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-56.25	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-50.32	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-40.04	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.97	PASS



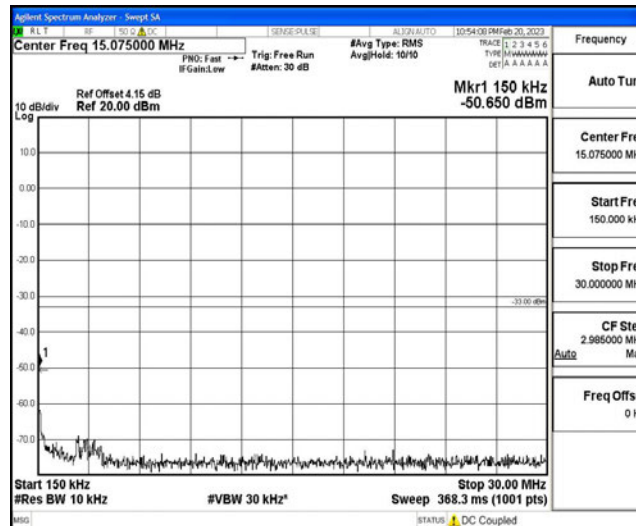


Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:0.009~0.15MHz

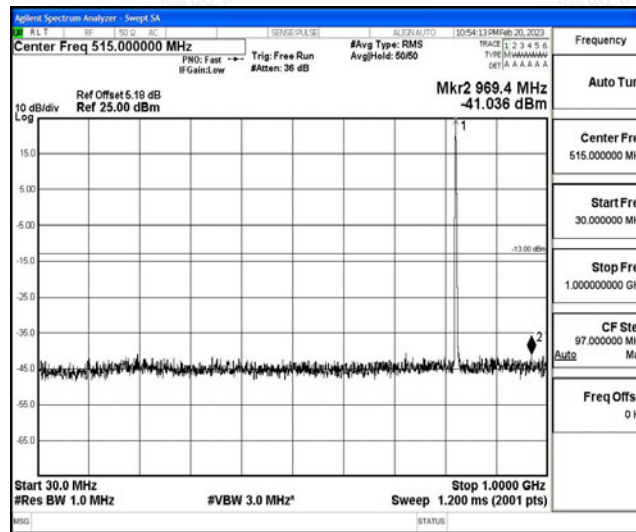


Band5-1.4MHz-QPSK-20407-1RB#0-Range2:0.15~30MHz

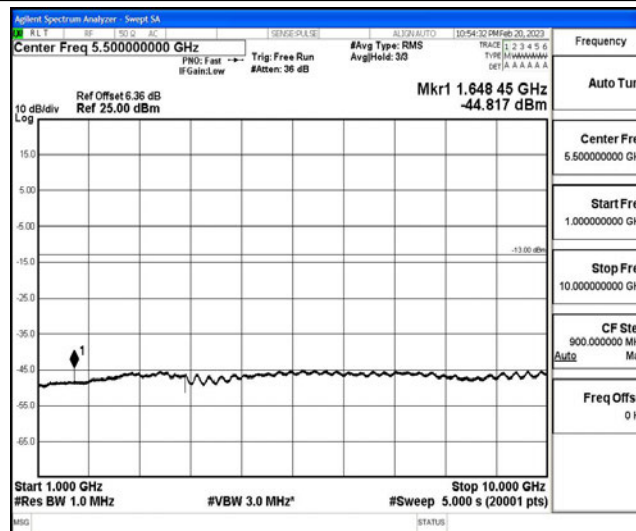


Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz

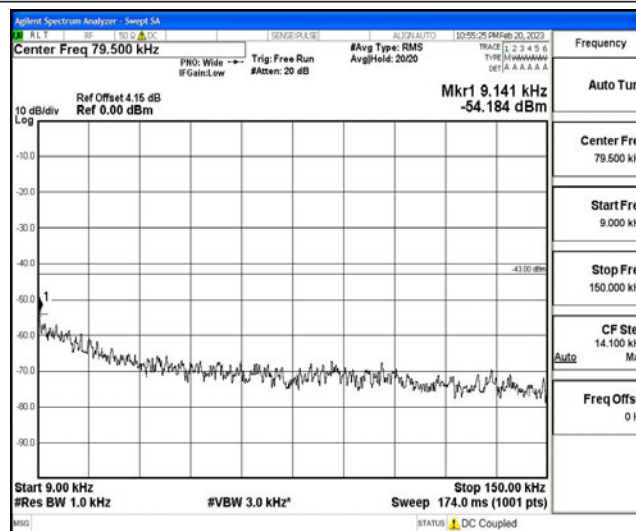




Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz

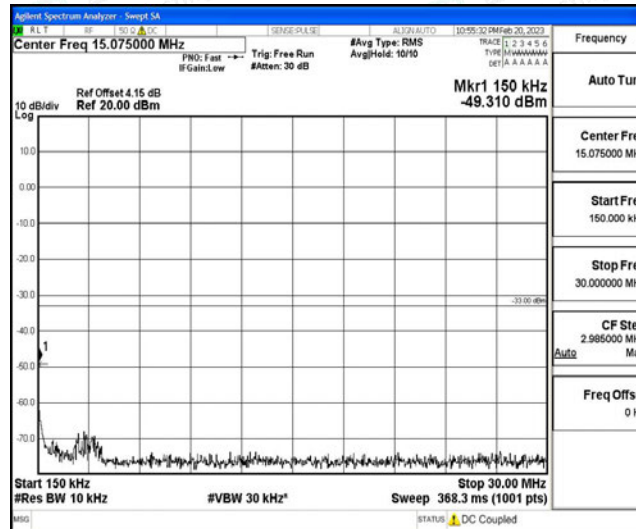


Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

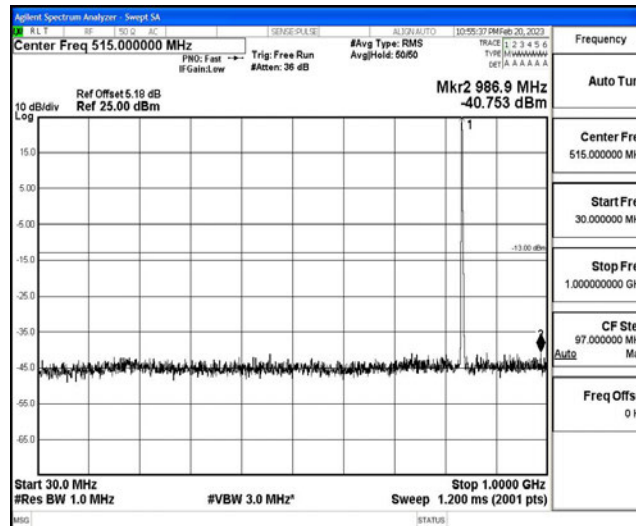




Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz

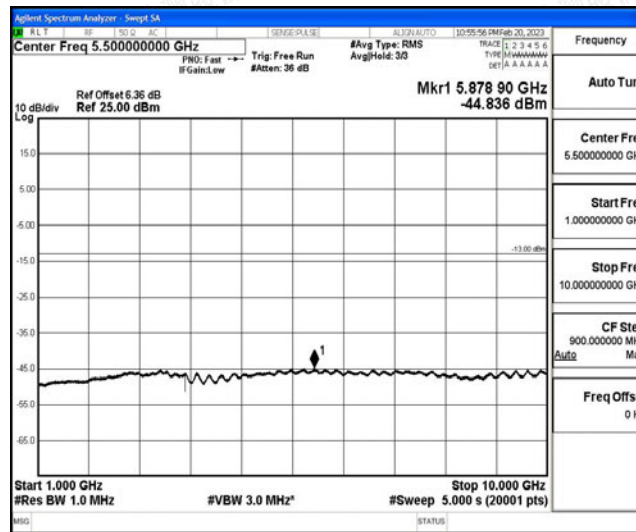


Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

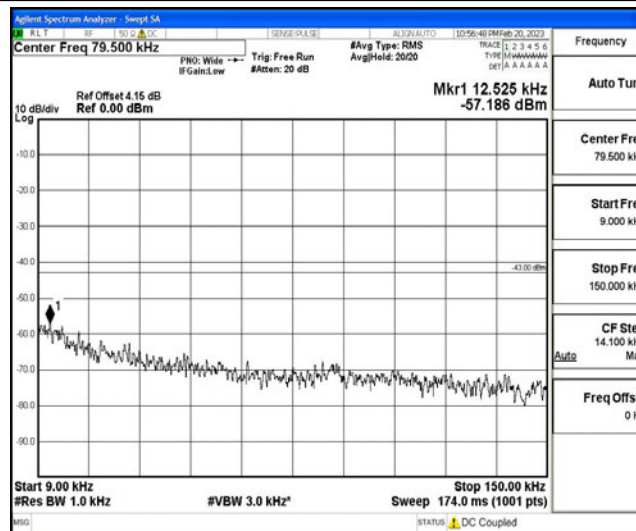


Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

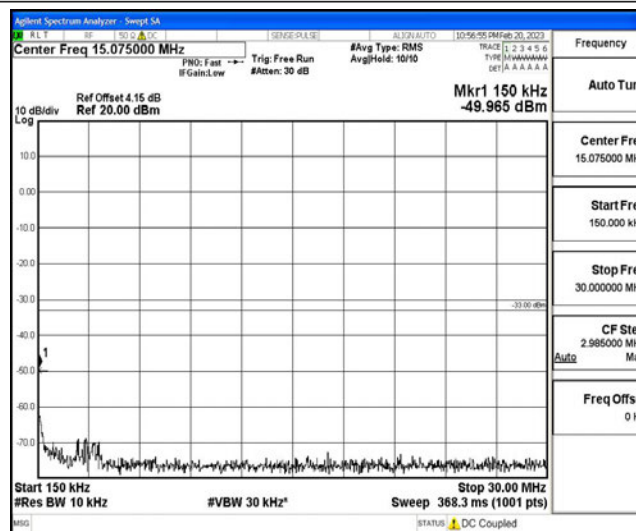




Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz

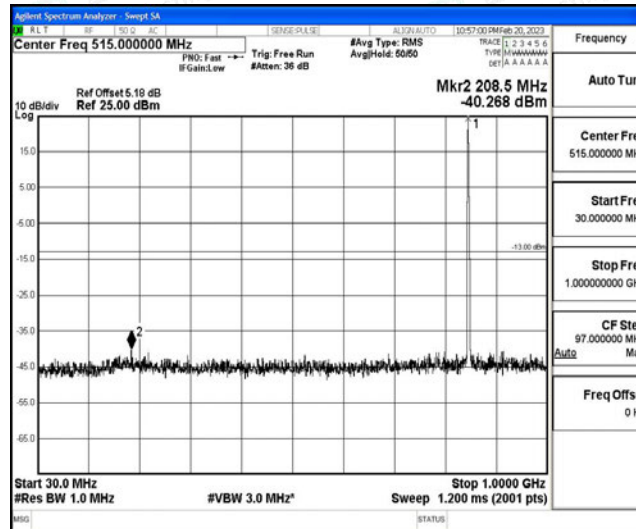


Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz

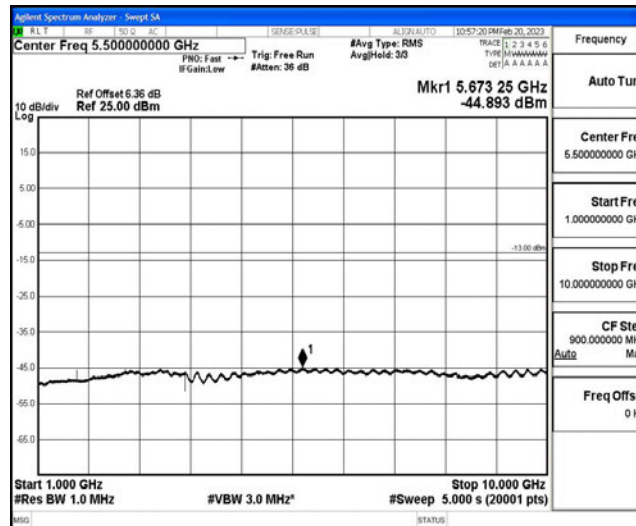




Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz

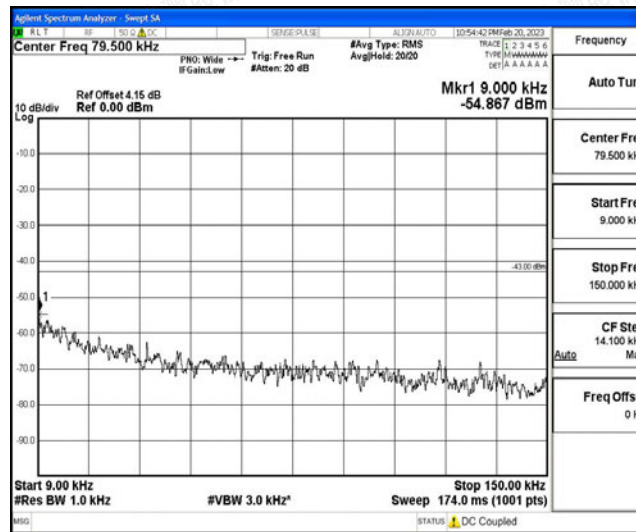


Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz

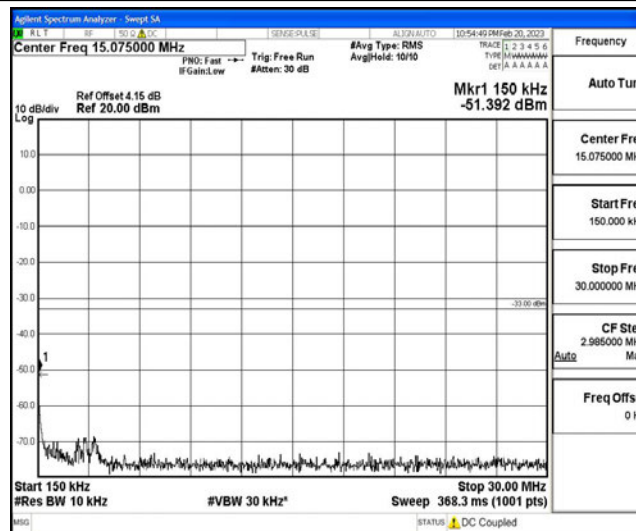


Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz

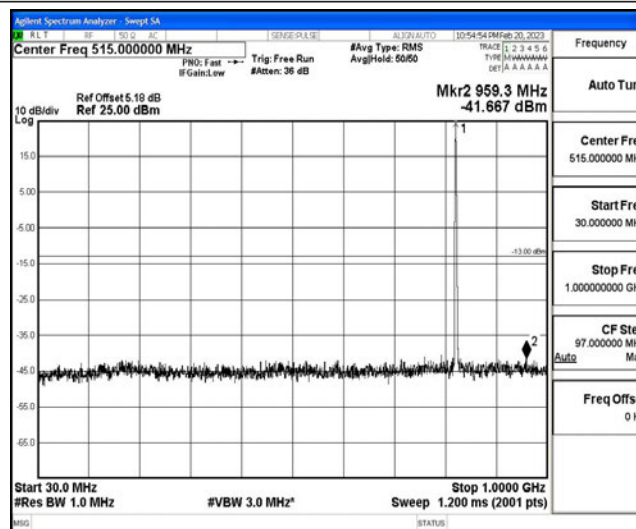




Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz

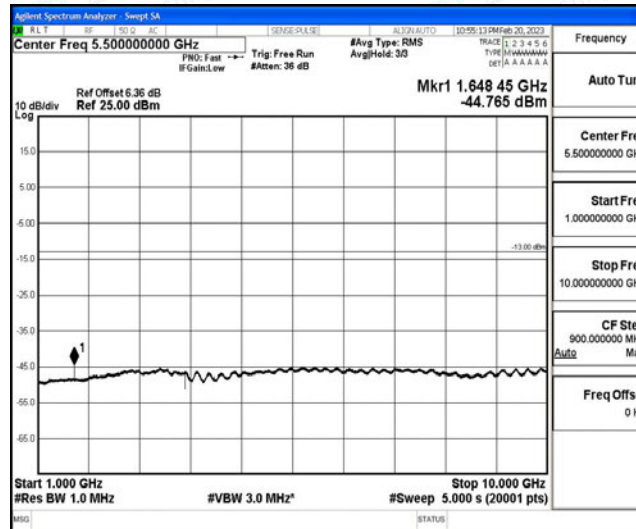


Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz

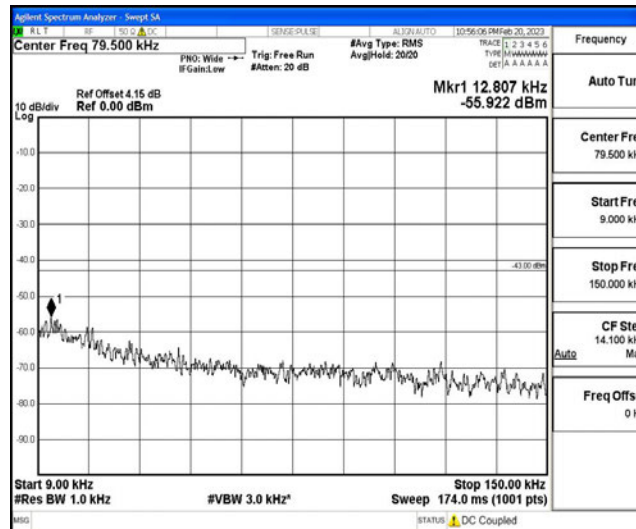




Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz

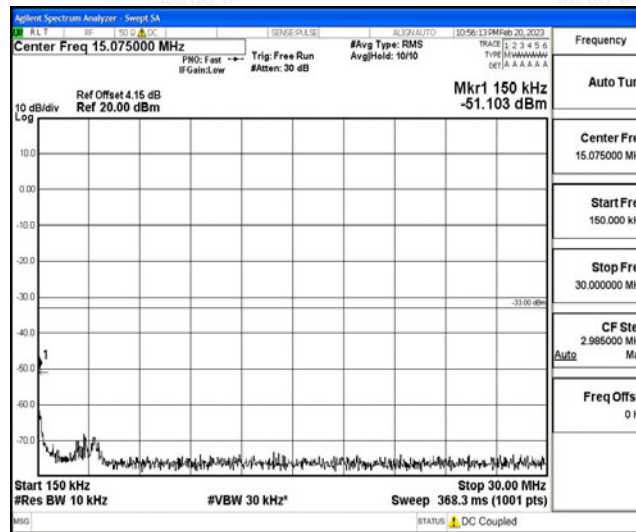


Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz

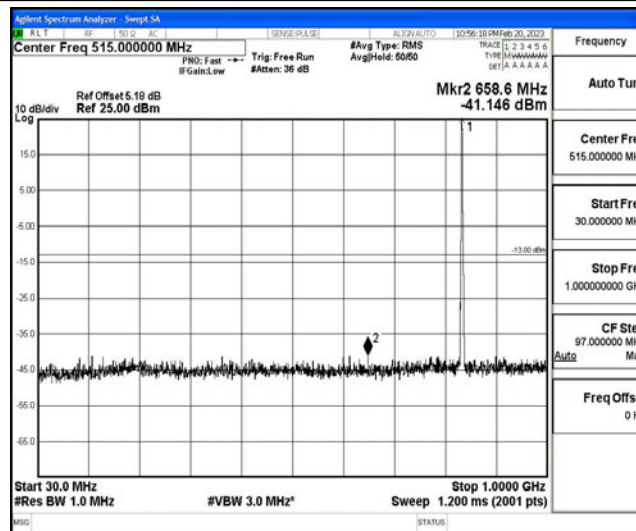


Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz

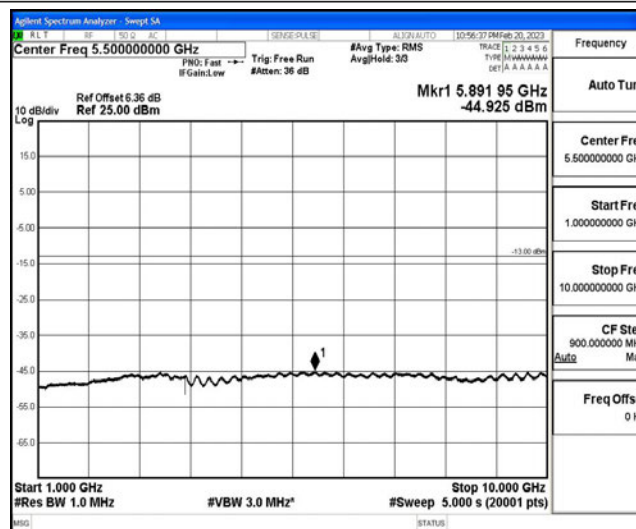




Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz

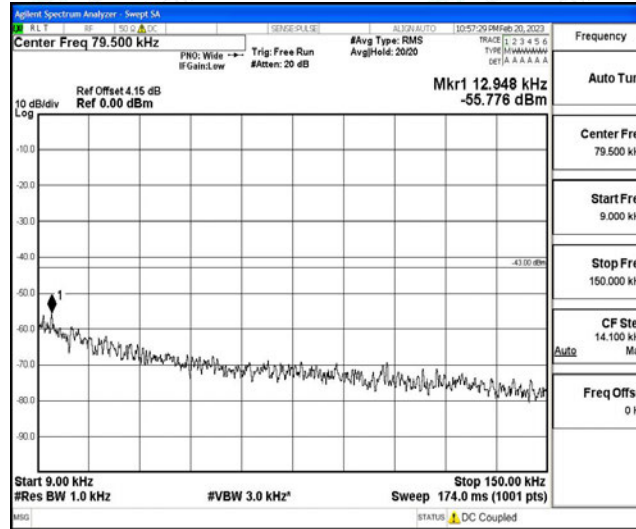


Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz

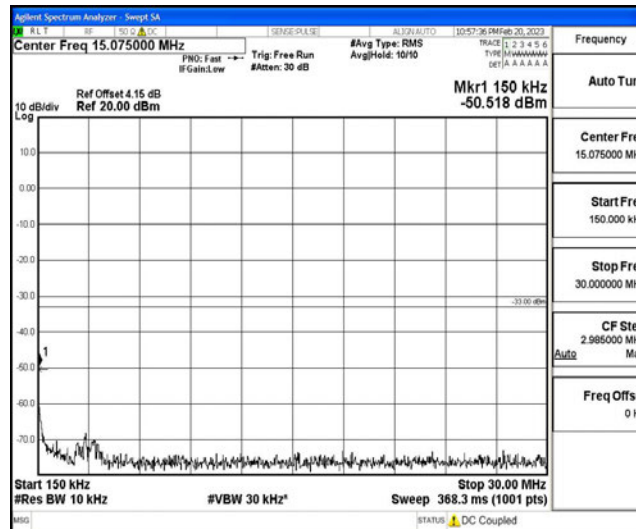




Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz

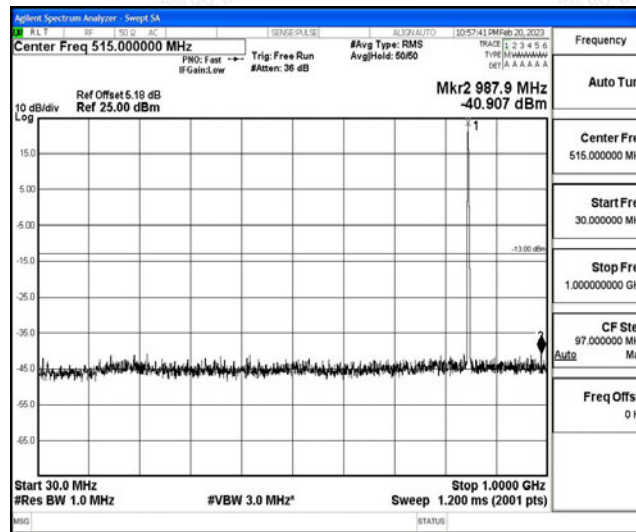


Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz

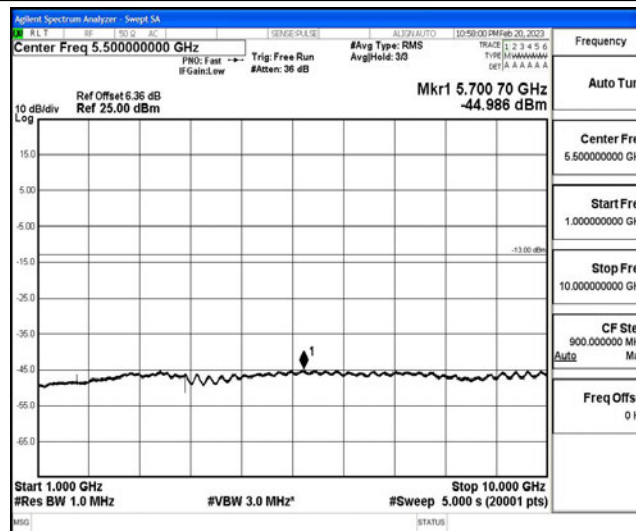


Band5-1.4MHz-16QAM-20643-1RB#0-Range3:30~1000MHz

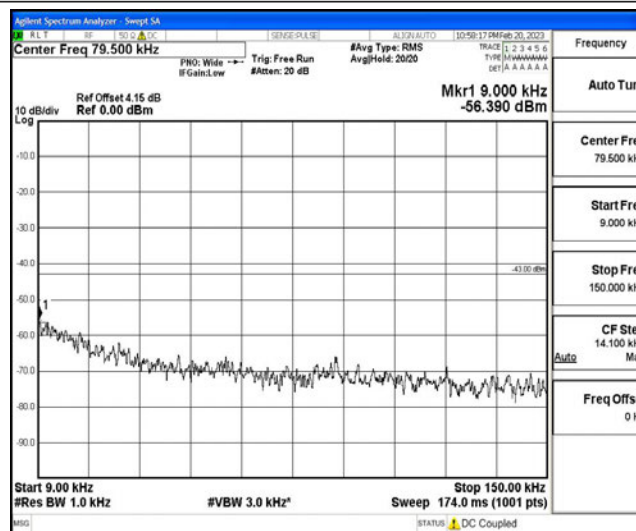




Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz

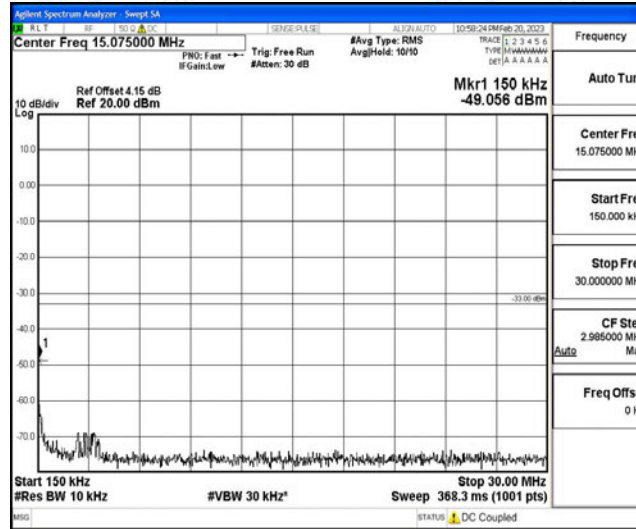


Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz

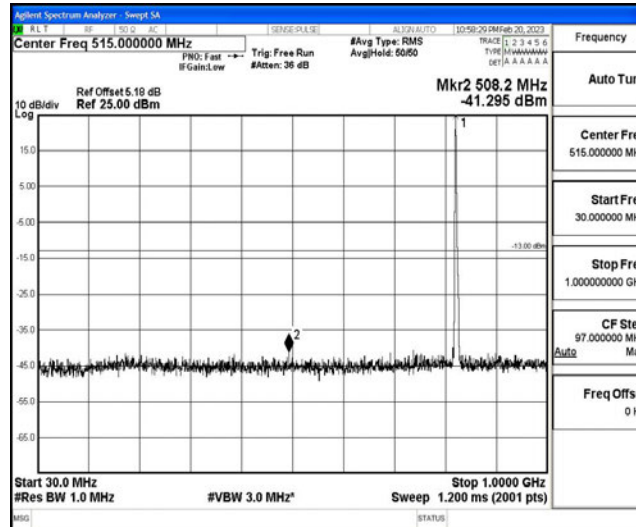




Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz

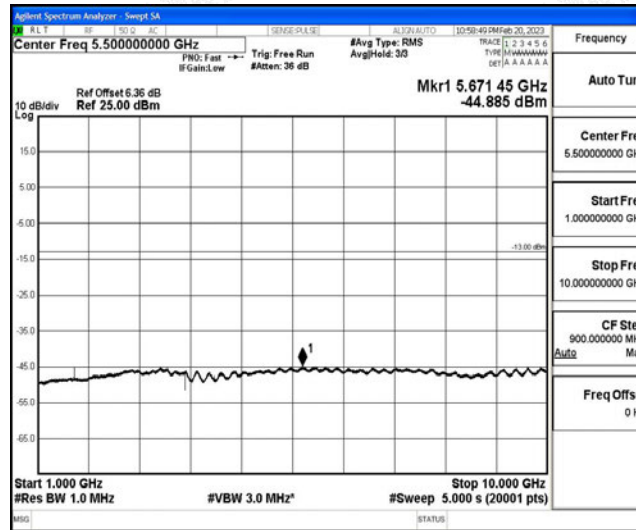


Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz

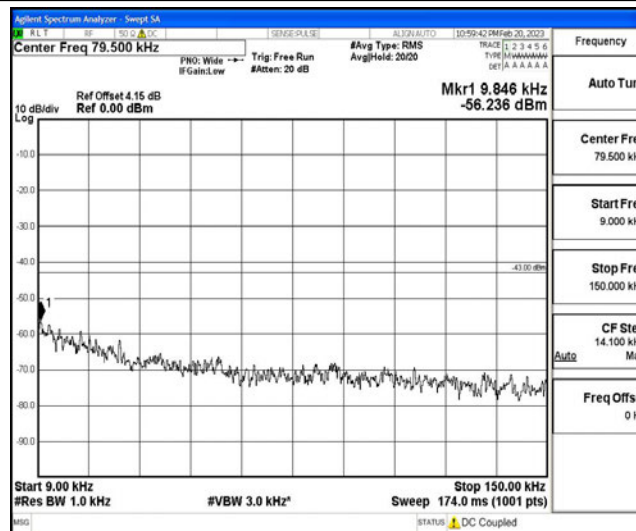


Band5-3MHz-QPSK-20415-1RB#0-Range4:1000~10000MHz

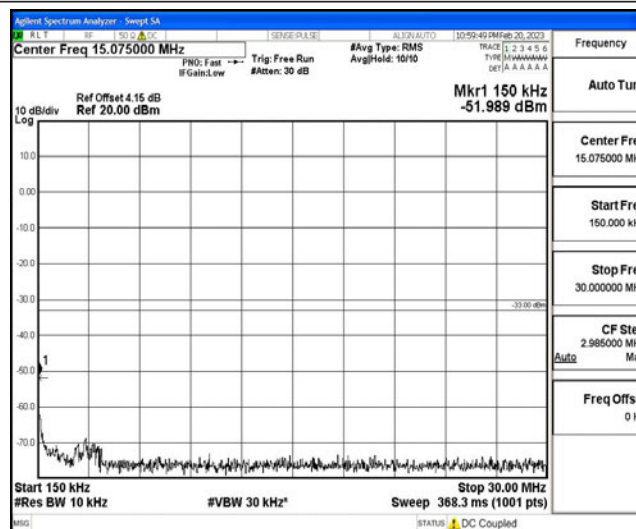




Band5-3MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz

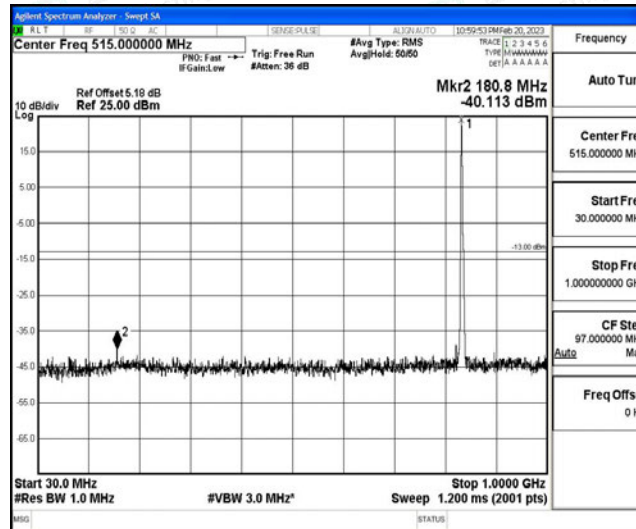


Band5-3MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz





Band5-3MHz-QPSK-20525-1RB#0-Range3:30~1000MHz

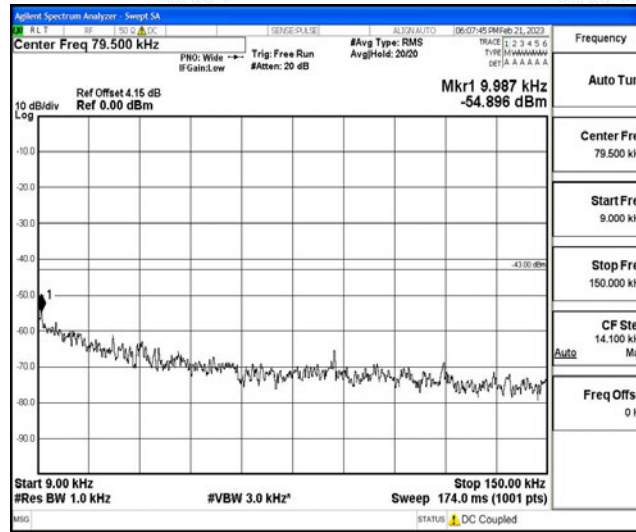


Band5-3MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz

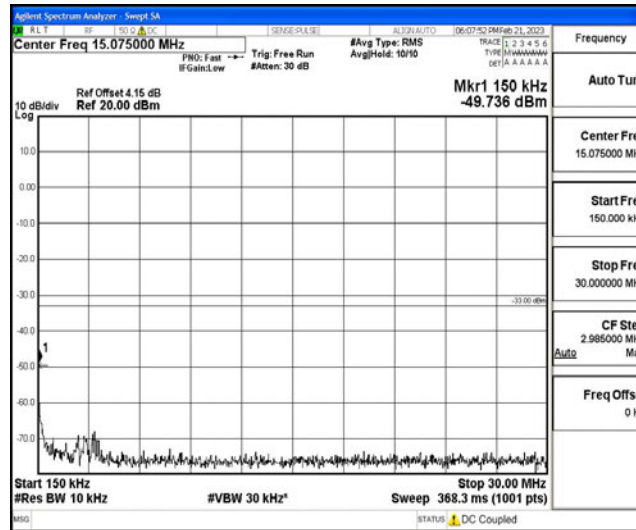


Band5-3MHz-QPSK-20635-1RB#0-Range1:0.009~0.15MHz

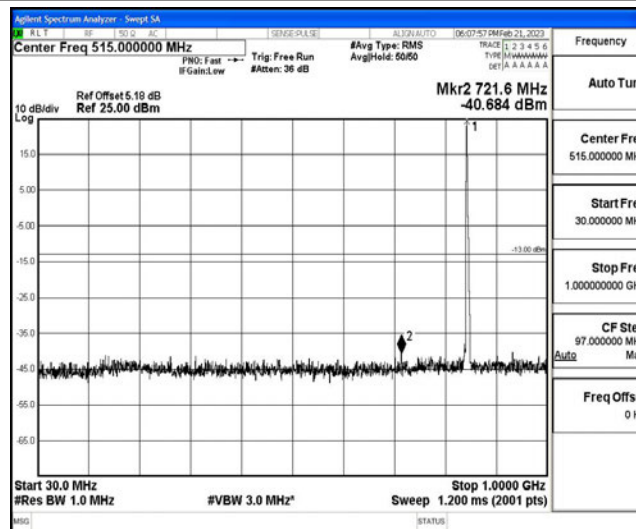




Band5-3MHz-QPSK-20635-1RB#0-Range2:0.15~30MHz

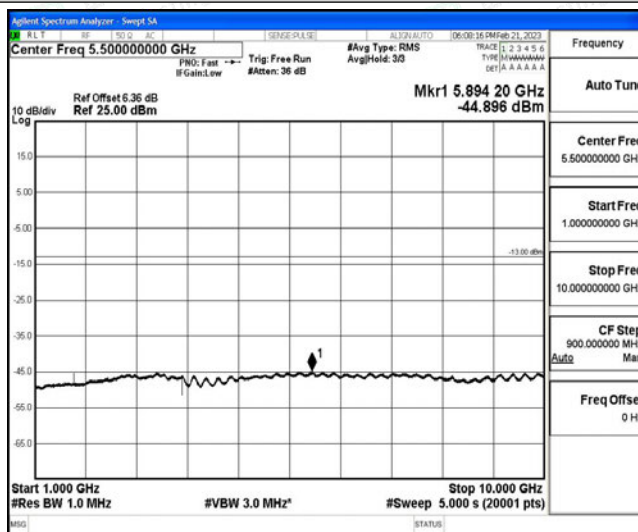


Band5-3MHz-QPSK-20635-1RB#0-Range3:30~1000MHz

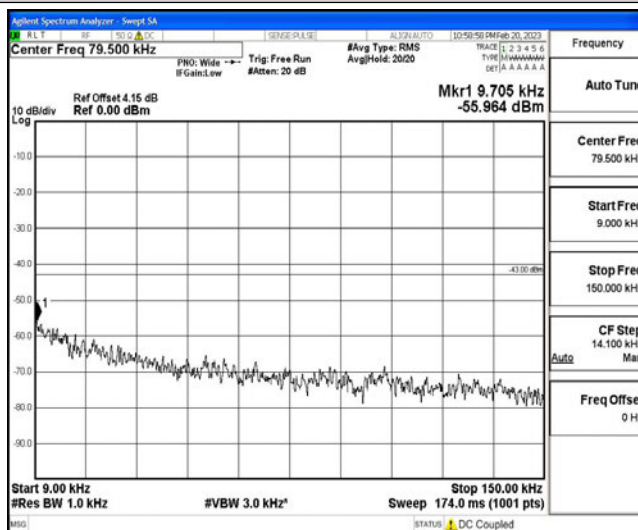




Band5-3MHz-QPSK-20635-1RB#0-Range4:1000~10000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range1:0.009~0.15MHz



Band5-3MHz-16QAM-20415-1RB#0-Range2:0.15~30MHz

